

**Remedial Action Plan
Former Solano County Sanitary Landfill,
Benicia, California**

June 25, 2001

prepared by
Northgate Environmental Management, Inc.
on behalf of
Granite Management Corporation
for
California Department of Toxic Substances Control



Department of Toxic Substances Control



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Dear Ms. Krogius and Mr. Lewis:

This letter is to notify you that the Final Remedial Action Plan (RAP) has been adopted for the Former Solano County Sanitary Landfill (Braitto). The Department of Toxic Substances Control (DTSC) has determined that the RAP satisfactorily addresses all applicable state and federal statutes and regulations.

Enclosed is a copy of the Final RAP. You have the option to seek judicial review of the RAP (within 30 days of the date of this letter). Based upon the percentage of financial responsibility assigned, you may also be eligible to dispute the preliminary allocation of financial responsibility, as specified in the RAP, by convening an arbitration proceeding (within 15 days of the date of this letter) and agreeing to binding arbitration by the arbitration panel. To exercise the arbitration option, it is necessary that the party or parties making the request be assigned greater than 50% of the responsibility for the site.

You should also be aware that neither filing for judicial review or requesting arbitration will stay implementation of the cleanup actions specified in the Final RAP.

If you have any questions or comments, please contact Darrell Nations at (916) 255-6547.

Sincerely,

Allen Wolfenden, Chief
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**northgate
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June 25, 2001

Darrell Nations, P.E., Project Manager
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Subject: Final Remedial Action Plan for Former Solano County Sanitary Landfill,
Benicia, California.

Dear Mr. Nations:

At the request of Ted Splitter, P.E., Project Coordinator, I am sending you three copies of this Remedial Action Plan (RAP) for the remediation of portions of the Former Solano County Sanitary Landfill, in Benicia, California. Northgate Environmental Management, Inc. has prepared the RAP for the California Department of Toxic Substances Control (DTSC) on behalf of Granite Management Corporation. The RAP incorporates comments provided by DTSC.

If you have any questions on this document, please call Mr. Splitter at (415) 492 0310.

Sincerely,

Alan Leavitt, P.E.
Project Engineer



Enclosures

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ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
Cal-EPA	California Environmental Protection Agency
CAM	California Assessment Manual
CCR	California Code of Regulations
COI	Chemical of Interest
DTSC	Department of Toxic Substances Control
EPA	(U.S.) Environmental Protection Agency
FLPM	Field and Laboratory Procedures Manual for Investigation/Remediation Activities at the Former Solano County Sanitary Landfill, Benicia, California
Granite	Granite Management Corporation
HI	hazard index
HLA	Harding-Lawson Associates
LEL	lower explosive limit
LFR	Levine-Fricke-Recon, Inc.
MCL	maximum contaminant level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
NCOU	North Canyon Operable Unit
OCP	organochlorine pesticide
Order	Revised Consent Order
OU	Operable Unit
PCB	polychlorinated biphenyl
PEA	Preliminary Endangerment Assessment
ppbv	parts per billion by volume
ppmv	parts per million by volume
ppt	parts per trillion
PRG	preliminary remediation goal
RAO	remedial action objective
RAP	remedial action plan
RRI	Russell Resources, Inc.
RWQCB	Regional Water Quality Control Board
SAOU	Study Area Operable Unit
SAP	Sampling and Analysis Plan
SCDEM	Solano County Department of Environmental Management
SM	Standard Method
SSV	Soil Screening Value
SVOC	semivolatile organic compound
TEQ	toxicity equivalent
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline

TPHo total petroleum hydrocarbons as oil
TRPH total recoverable petroleum hydrocarbons
TTLC total threshold limit concentration
UST underground storage tank
VOC volatile organic compound
 $\mu\text{g/dL}$ micrograms per deciliter
 $\mu\text{g/L}$ micrograms per liter

EXECUTIVE SUMMARY

This Remedial Action Plan ("RAP") provides for the cleanup of the former Solano County Sanitary Landfill (the "Site"), located in Benicia, California (Figure 1). The RAP is based on and summarizes the environmental investigations and studies overseen by the Department of Toxic Substances Control ("DTSC"). The RAP describes the remedial alternatives that were evaluated, identifies the preferred remedial alternatives for specific sub-areas of the Site, and explains the reasons for selecting the preferred alternatives.

The Site is divided in two parts, the North Canyon Operable Unit and Study Area Operable Unit (Figure 2). The RAP recommends response actions that will meet the objectives of protecting public health and the environment. The response actions are remediation of soil in two sub-areas of the North Canyon Operable Unit, the Blake Court Area and the Black Material Area, using a combination of technologies, including treatment, off-site disposal, and monitoring. Based on the environmental investigation findings, the RAP also specifies certain additional environmental monitoring for other areas of the Site.

The recommended remedial alternatives are as follows:

Black Material Area. This sub-area is located near the intersection of Blake Court and Rose Drive and includes portions of three unoccupied lots. The preferred alternative (A-6) calls for treating the subsurface material in place to reduce potential odors and soil gas emissions, and to improve handling characteristics. The treatment process involves mixing Portland Cement and other components with the Black Material using large diameter mixing augers. Potential soil gas emissions generated during the mixing process would be collected within a hood placed over the soil mixing auger as it is rotated. The soil gas would be treated to meet applicable discharge requirements using a thermal oxidation unit and other emission control devices. After the Black Material is stabilized, it would be excavated and transported to an approved off-site disposal facility. Afterward, the excavation area would be backfilled and restored to its original surface elevation.

Blake Court Area. This area consists mainly of seven undeveloped lots on Blake Court, a cul-de-sac intersecting with Rose Drive. The preferred alternative (B-5) calls for refuse and fill with fragments of refuse to be removed from a portion of Parcel C-1 and all of Blake Court. After excavation this material would be transported to an approved facility for disposal. The resulting excavation areas would be backfilled with clean fill.

Creek Bed/Hydrocarbon Area. The preferred alternative (C-2) is no remedial action with ground water and soil gas monitoring.

Tank Area. The preferred alternative (D-3) is ground water monitoring. A removal action was previously completed in the Tank Area (approximately 0.08 acres) located in an undeveloped area off Cambridge Drive.

Study Area Operable Unit. The results of the Preliminary Endangerment Assessment showed that waste management practices did not result in a release or threatened release of hazardous substances that pose a threat to public health or the environment. Remedial activities proposed for this portion of the Site are to install an additional well at one location where an elevated methane concentration was detected below the ground surface and to further assess the location of a reported former underground fuel tank.

INTRODUCTION

1.0

This Remedial Action Plan ("RAP") has been prepared for the California Department of Toxic Substances Control (DTSC) by Northgate Environmental Management, Inc. on behalf of Granite Management Corporation (Granite), for the remediation of portions of the former Solano County Sanitary Landfill (the "Site") located in Benicia, California (Figure 1). For this RAP, the Site consists of the North Canyon Operable Unit (NCOU) and Study Area Operable Unit (SAOU) (Figure 2).

This RAP was prepared in accordance with the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA), 42 USC Section 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), P.L. 99-499; the National Contingency Plan (NCP), 40 Code of Federal Regulations (CFR) Part 300, Subpart F; and the United States Environmental Protection Agency (U.S. EPA) guidance document entitled "Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA" ("RI/FS Guidance;" U.S. EPA 1988); and the Department of Toxic Substance Control (DTSC) December 5, 1995 "Remedial Action Plan (RAP) Policy" ("DTSC's RAP Policy").

Information presented in the RAP is based on Administrative Record (Appendix A). The following documents contain most of the site investigation data, risk assessments, feasibility studies, and descriptions of interim remedial measures that are summarized in this RAP:

- "Prior Investigations Report and Remedial Investigation Work Plan, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by Levine Fricke, June 7, 1996, and September 11, 1996 revised pages;
- "Conditional Approval: Prior Investigations Report and Remedial Investigation Work Plan, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by DTSC, July 29, 1996;
- "Report on Investigations and Remedial Actions East of the of the Corner of Rose Drive and Oxford Way and West of the Corner of Channing Circle and Clifton Court, Benicia, California," prepared by Levine-Fricke, Revision 1, February 14, 1997;
- "Remedial Investigation Report, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by Levine Fricke, March 17, 1997;

- "Baseline Health Risk Assessment, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California, Benicia, California," prepared by ChemRisk, April 3, 1997;
- "Response to Report on Investigations and Removal Actions East of the of the Corner of Rose Drive and Oxford Way and West of the Corner of Channing Circle and Clifton Court, Benicia, California," prepared by DTSC, April 4, 1997;
- "Approval of Remedial Investigation Report, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by DTSC, April 16, 1997;
- "Feasibility Study and Public Health Evaluation of Remedial Alternatives, North Canyon Operable Unit, Former Solano County Sanitary Landfill, Benicia, California," ("FS/PHERA") prepared by Levine Fricke and ChemRisk and dated April 18, 1997, as amended by DTSC's May 6, 1997 letter of conditional approval;
- "Approval of Baseline Health Risk Assessment, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California, Benicia, California," prepared by DTSC, May 5, 1997;
- "Approval of Feasibility Study and Public Health Evaluation of Remedial Alternatives, North Canyon Operable Unit, Former Solano County Sanitary Landfill, Benicia, California," ("FS/PHERA") prepared by DTSC, May 9 1997;
- "Hillside Area Report, North Canyon OU, Benicia, California," prepared by Levine Fricke Recon, October 3, 1997;
- "Final Investigation Report, Tank Area Vicinity, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by Levine Fricke Recon, April 3, 1998;
- "Conditional Approval of Final Investigation Report, Tank Area Vicinity, North Canyon OU, Former Solano County Sanitary Landfill, Benicia, California," prepared by DTSC, May 29, 1998;
- "Preliminary Endangerment Assessment Report for the Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, California," prepared by Levine-Fricke-Recon, September 24, 1998;
- "Preliminary Endangerment Assessment Report, Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, California" ("PEA") prepared by LFR-Levine Fricke, January 29, 1999;

- "Approval of Preliminary Endangerment Assessment Report for the Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, California," prepared by DTSC, March 9, 1999;
- "Draft First Quarter 1999 Analytical Results for Soil-Gas Samples, North Canyon Operable Unit of the Former Solano County Sanitary Landfill, Benicia, California" prepared by LFR-Levine Fricke, December 6, 1999; and
- "Second Quarter 2000 Monitoring Report, North Canyon Operable Unit, Former Solano County Landfill, Benicia, California" prepared by Northgate Environmental Management, Inc., August 11, 2000.

1.1 Objectives and Scope of RAP

The objectives of this RAP are to describe remedial alternatives that have been considered for the Site and to identify the preferred alternatives in accordance with State and Federal criteria.

In accordance with DTSC's RAP policy, this document includes the following information:

- a) Background information describing the Site (Section 1.2);
- b) A summary of results of remedial investigations and removal activities conducted at the Site, including a brief description of the occurrence of chemicals in soil, soil gas, and groundwater (Section 2.0);
- c) A qualitative evaluation of the potential effects of hazardous substances on groundwater and land use (Section 3.0);
- d) A summary of the baseline health risk assessment (BHRA) prepared for the NCOU (Section 4.0);
- e) A summary of the FS/PHERA (LFR, 1997), including: remedial action objectives (RAOs), and a comparative evaluation of the alternatives based on the criteria contained in the NCP and Health and Safety Code Section 25356.1; (Sections 5.0 & 6.0);
- f) Identification of the recommended remedial alternatives (Section 7.0);
- g) An implementation schedule for the recommended alternatives (Section 8.0); and
- h) An Administrative Record List (Appendix A) and a Statement of Reasons (Appendix B).

1.2 Site Description and History

1.2.1 Description of Site

The Site is located in Benicia, California, principally along a portion of Rose Drive (Figure 2). Historically, a sanitary landfill (the former Solano County Sanitary Landfill, also known as the Braito Landfill) operated in a portion of the area allocated for waste management by Solano County. The NCOU consists of the following subareas: the Black Material Area, the Blake Court Area, the Creek Bed/Hydrocarbon Area, the Tires and Hides Area, the Tank Area, and the Hillside Area. The SAOU includes all lands allocated for landfill use other than the NCOU and the East Canyon Waste Management Unit (See Figure 2).

Physical Setting. The regional terrain in the Site vicinity consists of valleys with gently to moderately sloping hills that extend locally to an elevation of approximately 600 feet national geodetic vertical datum (NGVD). Ground-surface elevations generally range from about 50 feet NGVD, at the south end of the boundary of the North Canyon to 200 feet NGVD at the north end. Predevelopment topographic contours and ground-surface elevation data were mapped by Greiner (formerly Bissell & Karn) of Fairfield, California. These data indicate that prefilling and predevelopment topography included two valleys in this area. A creek, formerly located in the larger of the two valleys, ran under what is now the location of a section of Rose Drive and sloped down to the south; a tributary ravine ran under what is now the location of a cul-de-sac called Blake Court and sloped down to the west.

The larger of the two valleys was subsequently graded by filling in the lowest portion of the valleys primarily with materials cut from the hilltops and hillsides. Level house pads were created perpendicular to the valley centerline. Houses were subsequently constructed on the engineered fill except in Blake Court. In the Blake Court area, landfill materials were left in place and the area was covered with a soil cap consisting of 3 to 25.5 feet of clayey soil. In general, the valley sides slope down to the development area (the residential backyards).

Sidewall V-ditches located near the toes of slopes drain surface-water runoff to storm-drain catch basins. In residential areas, surface-water runoff from irrigation and precipitation generally drains to curbside catch basins. The seven lots that comprise Blake Court were graded to slope toward the street to prevent rainfall ponding on the soil cap above landfill material in this area, which is a permitted, closed landfill. General surface-water flow directions are shown on Figure 3.

1.2.2 Site History

Portions of the Site area were operated from 1955 to 1978 as a sanitary landfill, which received municipal refuse from Benicia and surrounding communities. The landfill closed in 1979 under Regional Water Quality Control Board (RWQCB) Orders 79-146 and 87-7. Pursuant to a plan approved by the City of Benicia, portions of the Site were developed for single-family residences.

1.2.2.1 History of the NCOU

The history of disposal practices in the NCOU is presented in "An Historical Overview of Environmental Conditions at the North Canyon Area of the Former Solano County Sanitary Landfill". This document is included as Appendix B of the "Prior Investigations Report and Remedial Investigation Work Plan," dated June 7, 1996, and revised September 11, 1996 ("RI Work Plan;" Levine-Fricke 1996b). Information presented in this section was obtained from the overview.

In addition, Appendix A of the RI Work Plan includes analyses of historic aerial photographs, and Appendix C of the RI Work Plan includes a review of field notes completed during the development.

The chronology of land use at what is now the NCOU is as follows:

- **Pre-1943.** The land was used for ranching and open space. There reportedly were no operations on this land before the uses described below, except ranching.
- **July 1, 1957.** The former Solano County Sanitary Landfill was permitted for operation.
- **1978.** The Blake Court landfill was closed to the public.
- **1979 through 1984.** Portions of this land were developed by the Southampton Company pursuant to permits and government approvals received during this time period.
- **1980 to 1981.** Approximately 30,000 cubic yards (cy) of material were removed from the North Canyon and disposed in the East Canyon. A gravel subdrain was installed in the creek bed and engineered fill including soil containing fragments of refuse was placed in the creek bottom. Engineered fill was placed above these materials to the ground surface. Approximately 10,000 cy of landfill material were left in place beneath the Blake Court Area, which was covered with a compacted low permeability fill.
- **1984 to present.** The land is in use as residential and open space.

- **1987.** Blake Court landfill was officially closed under RWQCB Order No. 87-7.

The periods of operation for specific landfill activities are:

- **Recycling.** Scrap metal recycling occurred in the proximity of Rose Drive and Palace Court from at least 1958 through May 1975. Prior to 1968, cardboard and paper were also recycled.
- **Burning.** Garbage and combustible material were burned at various locations within the NCOU from at least 1958 through 1970.
- **Landfilling.** Landfilling occurred along the Creek Bed and in Blake Court predominantly after 1958. Landfilling was primarily confined to the bottom of the canyon to the south of Corcoran Court and to the north of Palace Court, along a portion of Rose Drive and adjoining lots and including a small tributary canyon beneath what is now Blake Court.
- **Storage.** Materials and equipment associated with operation of the landfill were stored within the NCOU during the landfill's period of operation.

1.2.2.2 History of the SAOU

A detailed history of the SAOU is presented in Section 3 of the PEA. Information presented in this section was obtained from the PEA.

The chronology of land use at what is now the SAOU is as follows:

- **Pre-1943.** The land was used for ranching and open space. There reportedly were no operations on this land before the uses described below, except ranching.
- **July 1, 1957.** The former Solano County Sanitary Landfill was permitted for operation.
- **September 10, 1978.** The landfill associated with the Study Area OU was closed to the public.
- **1979 through 1984.** Portions of this land were developed by the Southampton Company pursuant to permits and government approvals received during this time period.
- **1984 to present.** The land is in use as residential, general commercial, and open space.

Historical operations pertaining to deposition of landfill materials and wastes for each of the SAOU subareas are summarized below. Approximate locations of the subareas are shown on Figure 2.

Former Entrance Landfill

During the early days of operation, landfilling activities reportedly occurred in the former landfill entrance. Household garbage and trash and other wastes were reportedly burned in some areas. When the landfill first opened, refuse was reportedly disposed of along the south side of the access road. Reportedly, Braito employees would push the material off the shoulder of the road with a tractor. The landfill material was reported to have been subsequently burned or covered using borrow material from nearby hills. Petroleum, tannery, and other wastes were reportedly buried in this area. The buried materials were reportedly removed at the request of Solano County.

Former Maintenance Barn

The barn south of the access road was originally part of a ranch; during landfill operation, it reportedly was used to service landfill equipment. Drums of oil, grease, and fuel oil used for servicing vehicles apparently were stored both inside and outside the barn. Solvents used to degrease parts, including gasoline and diesel, were also disposed of either onto the dirt floor or, more commonly, on the ground in front (west) of the barn.

During development, the barn was reportedly either burned or torn down, and soil containing residue was reportedly stripped and disposed of offsite.

Former Cardboard Press

A cardboard press was located in a corrugated metal shed about 80 ft south of the access road, roughly 400 ft from the main gate to the former landfill. An electrically powered hydraulic press was located roughly in the middle of the footprint of the shed. Hydraulic oil was used in the operation of the press.

During development, the cardboard press shed and floor were removed, leaving a concrete vault in place. The vault, which apparently contained groundwater, was fitted with a drain and was backfilled with gravel. The vault presently drains into the marsh.

Former Reported Battery Storage

Batteries were removed from the material to be landfilled in the East Canyon (EC), stockpiled at several locations in the former entrance, and periodically sold. They were primarily located along the south side of the access road, in front of the cardboard press, and around the maintenance barn. Several Solano County Department of Environmental Management (SCDEM) inspection reports describe batteries around the cardboard press.

The batteries were apparently predominantly from cars and trucks, and thus were lead-acid batteries that contain dissolved lead in a dilute solution of sulfuric acid.

A dedicated battery storage site did not exist, and batteries were reported to be located in various places. Eyewitness accounts and a 1973 photograph identified at least seven locations where used batteries were potentially stored.

Former Salvaged UST Storage

What appear to be salvaged underground storage tanks (USTs) based on their dimensions (i.e., most are about 15 ft long and 5 to 8 ft in diameter) are visible in five locations in aerial photographs. Salvaged USTs accepted by Braitto were reportedly underground gasoline tanks from filling stations, which were reportedly purged and cleaned before arrival at the former landfill.

Former Aboveground Tank Storage

Concrete tanks were formerly stored Northwest of the intersection of Rose Drive and Cambridge Drive (Figure 2). They were reportedly used to store fuel oil or kerosene at off-site locations before being brought to the entrance area of the landfill. The tanks were empty and periodically sold as duck hunting blinds.

Four rectangular aboveground tanks were formerly located east of the maintenance barn. These tanks were reportedly fish oil tanks from a sardine factory in Benicia. They were described as empty and not used.

Former Reported Fuel Tanks

An underground gasoline tank reportedly was located in the vicinity of Braitto's residence southwest of the garage, and a 500- to 1,000-gallon aboveground diesel tank was reportedly located south of Braitto's residence. An underground gasoline tank and an underground diesel tank were reportedly located south of the access road in the vicinity of the former toll booth. The gasoline tank may have leaked because water was reported to be present in the gasoline. These tanks must have been removed during development of the SAOU since they could not be located during the PEA.

Possible Benicia Marina Dredgings

Bay Mud dredgings from the Benicia Marina were reportedly sent to the Braitto Landfill and disposed of in the former landfill entrance. The Benicia Marina dredgings may have been deposited just beyond the structure formerly used as a collection fee point and off to the left through a metal gate (SCDEM 1978). Bay Muds from the Benicia Marina reportedly contained detectable concentrations of chromium, lead, zinc, and oil and grease. Reportedly, no mercury or cadmium was detected in dredgc muds.

Hillside Feature

Based on review of aerial photography and field inspection, an area of disturbed soil was identified on a hillside located east of Cambridge Drive. The slope has been cut and the excavated soil apparently was used to create a level bench. It is believed that manure and straw from the annual county fair were spread on the ground in this vicinity daily over a two-week period when the fair was in progress. It has also been suggested that this was a slide area along a route used by PG&E to service their power lines and that it was periodically cleared out for access. This latter description appears to be inconsistent with the geology of the area, based on field inspection.

Former Surface Storage

Trucks, cars, and other vehicles such as a fifth wheel, water truck, Braito's garbage trucks, and civil defense equipment were stored along the south side of the access road. Metal objects, such as bicycles, hubcaps, and refrigerators, were reportedly stockpiled on the south side of the access road so they could be resold. The so-called metal stockpiles along the south side of the access road were distinct from those in the Hillside Area (NCOU), where metal objects with no direct resale value were crushed, baled, and sold as scrap metal. Storage locations in the entrance were principally occupied by household items with direct resale value. The stockpiled items were reportedly common household items that were not hazardous. Braito's friends reportedly sandblasted their vehicles on the south side of the access road between the gate and the tollbooth. This reportedly occurred infrequently.

Currently, the SAOU is surrounded by single-family and multi-family residential property, open space, and general commercial property. A day care facility and a professional medical building are located at Rose Drive near Columbus Parkway. Other nearby land use includes freeway rights-of-way and State Park land.

1.2.3 Anticipated Future Development

The response actions encompassed by this RAP are separate from proposed development pursuant to the proposed Rose Drive Cleanup and Development Agreement between the City of Benicia and Granite. Under this Agreement, Granite proposes to develop portions of the former Solano County Sanitary Landfill. Specifically, Granite proposes to transfer some or all of the Blake Court Area (approximately 2-2.5 acres or more) to a religious organization for development of an assembly facility. In addition, Granite proposes development of a 100-acre nine-hole executive golf course with training facilities in the East Canyon area. The City of Benicia is the lead agency for this project. Accordingly, in May, 1999, the City of Benicia issued a Notice of Preparation of an Environmental Impact Report for the Rose Drive Cleanup and Development Agreement based on a draft initial study prepared for the City, and has also retained a consultant to prepare an Environmental Impact Report for the cleanup and proposed development.

Also, in anticipation of another project, the City has rezoned a portion of the Site located north of Rose Drive, just east of Columbus Parkway, for residential use. It is anticipated that affordable housing will be built in this area.

SUMMARY OF REMEDIAL INVESTIGATIONS

2.0

Remedial investigations were initiated in the NCOU in June 1991. Remedial investigations performed in the NCOU between 1991 and 1996 were summarized in the Prior Investigations Report and Remedial Investigation Work Plan (Levine-Fricke, 1996). The Remedial Investigation Report (LFR 1997a) documents the results of activities undertaken to characterize chemicals in soil, groundwater, surface water, leachate, subdrain water, and soil gas. Additionally, field evaluations were performed to identify areas of potential ground subsidence, and to evaluate the stability of slopes in the Blake Court Area. Geophysical surveys, test trenches, and soil sampling were performed in the Hillside Area to evaluate the occurrence of metal as discussed in the Hillside Area Report (LFR, 1997b). These activities have adequately characterized the types, extent and distribution of chemicals in soil, soil gas, and groundwater within the NCOU. The DTSC approved the RI Report and the Hillside Area Report in its letters dated April 16, 1997, and May 4, 1999 respectively.

In addition to the RIs performed in the NCOU, a Preliminary Endangerment Assessment (PEA) was completed in the SAOU, to evaluate whether past waste management practices have resulted in a release of hazardous substances that pose a threat to public health or the environment, (LFR, 1999). DTSC approved the PEA in its letter dated March 9, 1999.

Section 2.1 contains a brief description of the occurrence of chemicals detected in subareas of the Site. Removal activities conducted in the NCOU are described in Section 2.2.

2.1 Occurrence and Distribution of Chemicals in Soil and Soil Gas

As part of RI conducted in the NCOU, and the PEA conducted in the SAOU, samples were collected and analyzed to assess chemicals in soil, including semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), organochlorine pesticides (OCPs), metals, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH), and dioxins and furans. Detected chemicals were compared to appropriate benchmarks consistent with the DTSC-approved Baseline Health Risk Assessment (ChemRisk, 1997) and the Remedial Investigation Report (Levine-Fricke-Recon, 1997). Metals concentrations were compared to maximum background values, Total Threshold Limit Concentrations (TTLCs), and Soil Screening Values (SSVs) (see Table 1). Detected organic compounds were compared to SSVs and Preliminary Remediation Goals (PRGs)

(Table 2). Dioxins and Furans were compared to toxicity equivalent units (TEQs) (Table 2).

Background concentrations for metals in NCOU soils (Table 1) were established by collecting soil samples from those portions of the NCOU believed to be outside the influence of the former landfill operations. Background samples were collected from native soil on hillsides at locations selected by DTSC and which were not influenced by landfill activities. The use of background metals concentrations in the NCOU was presented in Section 3.3.1.1 of the BHRA (Levine-Fricke, 1997).

For Creek Bed Material, area-specific background concentrations were established based on a statistical evaluation of the concentrations of chromium, copper, lead and zinc, which were selected by DTSC as indicator metals for Creek Bed Material based on their occurrence and concentrations. These background concentrations are described in Section 2.1.3 of this RAP, and were presented in Section 3.3.3.1 of the Final Remedial Investigation Report (Levine-Fricke, 1997).

Soils encountered in borings at the Site predominantly consist of engineered fill (consisting primarily of silty clayey gravel to gravelly silty clay), and native soil (consisting of a dark brown to dark gray or black silty clay). Isolated locations within the defined subareas of the NCOU also contain Blake Court Refuse (consisting primarily of silty or clayey sand to sandy clay with varying amounts of glass, brick, wood, cinders, ash, concrete, and other inert materials), Black Material (consisting of layers of silty and sandy clay interbedded with a black, odorous, sometimes viscous material), and engineered fill with fragments of refuse. The engineered fill with fragments of refuse found in the Creek Bed Area is predominantly soil with up to a few percent refuse fragments. In the portion of Parcel C-1 north of Blake Court, the refuse fragments range up to ten percent. All of the above materials overlie bedrock.

In addition, soil-gas surveys and a network of multi-completion soil-gas monitoring wells were installed to further evaluate the presence of VOCs and other gases to assess soil gas quality and gas migration potential.

2.1.1 Black Material Area

The Black Material Area consists of that portion of the NCOU under portions of Lots 47, 49, 50, 51, and portions of Parcel C-1 where Black Material has been encountered below the ground surface. Figure 4 depicts the approximate extent and thickness of Black Material and Figure 5 shows the thickness of overburden soils. The thickness of the Black Material ranges up to 16.5 feet. The top of the Black Material ranges from 3.5 to 28 feet bgs.

Black Material. The maximum chromium and lead concentrations in Black Material were above their respective Total Threshold Limit Concentrations (TTLCs) and to

background values. Median concentrations for these metals were approximately one order of magnitude below their respective TTCs. All other metals detected in Black Material samples were substantially below their respective TTCs.

Concentrations of VOCs, SVOCs, OCPs, and PCBs were either not detected or their concentrations were below site-specific Soil Screening Values (SSVs).

Total petroleum hydrocarbons (TPH) as diesel (TPHd) was not detected in Black Material samples. Total petroleum hydrocarbons as gasoline (TPHg), and oil (TPHo) were detected at low concentrations. The maximum TPHg concentration was 0.8 milligrams per kilogram (mg/kg); and the median TPHg concentration was 0.5 mg/kg. The maximum TPHo concentration was 810 mg/kg and the median concentration was 200 mg/kg.

Furans and dioxins were detected in the subsurface in Black Material samples. The concentrations of 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD; dioxin) range from not detected (<0.29) to 7.4 picograms per gram (pg/g), which are substantially below the 1 µg/kg (1,000 pg/g) Agency for Toxic Substances and Disease Registry (ATSDR) criterion for residential exposures to 2,3,7,8-TCDD in surface soils (ChemRisk 1996e). The majority of the dioxin and furan congeners are hepta and octa congeners; these are the most weakly carcinogenic dioxins. A toxic equivalent (TEQ) for dioxins is a measure used to normalize the congeners to 2,3,7,8-TCDD. The TEQs range from 3.0 to 1,700 pg/g (ChemRisk 1996e). Although the maximum concentration is slightly above the ATSDR criterion, potential exposures to dioxins and furans in the Black Material are substantially less than assumed in the ATSDR criterion.

Black Material Area Soil Gas. Soil-gas samples collected from the Black Material Area primarily contain the gases nitrogen, carbon dioxide, oxygen, and methane. Of these gases, methane is of most interest because of its flammability at concentrations in the range of 5 to 15 percent by volume.

During the first quarter of 1999, soil-gas samples collected from wells in the Black Material Area contained methane concentrations as high as 57.73 percent by volume. This concentration is consistent with methane concentrations measured since 1996 in soil-gas wells located in the Black Material Area.

Hydrogen sulfide (H₂S) and hydrogen cyanide (HCN) have been detected in some wells associated with the Black Material in the middle and deep well intervals of 10-14 feet and 20 – 22 ft bgs, respectively. Historically, HCN has only been detected in samples collected from Well B3-M. The maximum historical concentration of HCN detected was 42 parts per million by volume (ppmv) in December 1994. More recently, in December 1998 HCN was detected at a concentration of 2.48 parts per million by volume (ppmv).

H₂S has historically been detected in several wells, generally in low concentrations except at Well B3-M. The maximum historical H₂S concentration of 4569 ppmv was detected in September 1997 in a sample collected from Well B3-M, which is screened between 10 and 12 ft bgs. In December 1998, H₂S was detected at a maximum concentration of 26.8 ppmv at well B3-M.

In general, VOCs detected in soil gas have historically been low (in the parts per billion by volume [ppbv] range), except toluene which was detected as high as 140 ppmv in a sample collected from Well V-12D in August 1996. In September 1997, a concentration of 82.98 ppbv toluene was detected in a sample collected from Well V-12D.

2.1.2 Blake Court Area and Parcel C-1

The Blake Court Area comprises that portion of the NCOU under portions of Lots 41 through 47, and portions of Parcel C1 where Blake Court Refuse is located below the ground surface. Figure 6 depicts the approximate areal extent and thickness of the Blake Court Refuse and Figure 7 shows the thickness of overburden soils. The thickness of Blake Court Refuse ranges up to 20 feet. Refuse material was covered in the Blake Court Area with 3 to 25.5 feet of soil. In a portion of Parcel C-1, fill with fragments of refuse has been encountered at approximately a few inches bgs to greater than 5 feet bgs.

A subdrain was reportedly constructed along the western face of the landfill, and groundwater and landfill gas monitoring systems were installed as part of landfill closure activities. Land use restrictions, periodic monitoring, and other requirements have been implemented pursuant to applicable state laws and the Waste Discharge Requirements issued by the RWQCB (1979 and 1987).

Blake Court Refuse. The maximum concentrations of chromium, copper, lead, and zinc were above their respective TTLCs and background values. The median concentrations for these metals were substantially below their respective TTLCs. Other metals detected in Blake Court Refuse samples were substantially below their respective TTLCs. Concentrations of VOCs, SVOCs, OCPs, and PCBs were either not detected or were below SSVs for residential use of the site. Total recoverable petroleum hydrocarbons (TRPH) were detected in five Blake Court Refuse samples at a maximum concentration of 1,600 mg/kg and a median of 550 mg/kg.

Furans and dioxins were detected in subsurface samples of Blake Court Refuse. The maximum dioxin TEQ concentration was 12 pg/g. This concentration is two orders of magnitude less than the concentration considered acceptable as the maximum for residential surface soils (1,000 pg/g) by the ATSDR (LFR 1996b). 2,3,7,8-TCDD (a dioxin) was not detected (<0.32 to <0.50 pg/g) in the samples collected from the Blake Court Refuse.

Blake Court Area Soil Gas. Soil-gas samples collected from the Blake Court Area primarily contain the gases nitrogen, carbon dioxide, oxygen, and methane were most frequently detected. Based on observed methane concentrations in soil gas and the high organic content of portions of the Black Material, the RI concluded that the Black Material is the primary source of methane in the NCOU. Blake Court Refuse is composed of relatively non-biodegradable material and is not a significant source of methane. H₂S, propane, butane and C6+ hydrocarbons were detected at low ppbv concentrations in some wells associated with Blake Court Refuse. VOCs and SVOCs detected in soil gas were also detected at low concentrations (in the ppbv range).

2.1.3 Creek Bed/Hydrocarbon Area

The Creek Bed Area is made up of that portion of the NCOU beneath a portion of Rose Drive along the general path of the former creek where soil borings and sampling results indicated the presence of fill with fragments of refuse, material containing organic compounds, or material containing chromium, lead, copper, or zinc at concentrations greater than the NCOU background concentrations. NCOU background concentrations for the Creek Bed Material were established based on a statistical evaluation of the concentrations of chromium, lead, zinc, and copper, which were selected by DTSC, as indicator chemicals for the Creek Bed Material based on their occurrence and concentrations. Background samples were collected from clean fill in the NCOU. The calculated background values were as follows: chromium (102.7 mg/kg), copper (119.3 mg/kg), lead (49.1 mg/kg), and zinc (147.9 mg/kg). These metals concentrations were used for the sole purpose of classifying Creek Bed Material. Other background values were used for the other subareas, as described in Section 2.1 and presented in Table 1.

Figure 2 shows the location and approximate lateral extent of the Creek Bed Material. The Creek Bed Material is at least 15 feet below the ground surface and is, on average, approximately 3 to 4 feet thick. The thickest portion of Creek Bed Material is up to approximately 12 feet thick and is located in the general vicinity of the former centerline of the creek.

The Hydrocarbon Area soils exist wholly within the Creek Bed Area. The Hydrocarbon Material is defined as all material identified in the lithologic logs for soil boring as having petroleum hydrocarbons present (oil, gas, diesel, or petroleum odor) or whose analytical results indicated the presence of TPHg, TPHd, or TPHo.

Figure 2 shows the estimated lateral extent of the Hydrocarbon Material. The Hydrocarbon Material is 25 or more feet bgs and is, on average, approximately 3 to 4 feet thick. The thickest portion of Hydrocarbon Material is up to approximately 11.5 feet thick in the general vicinity of the former centerline of the creek.

Creek Bed/Hydrocarbon Area Soils. The maximum concentrations of copper and lead were above their respective TTLCs. The median concentrations for these metals are

substantially below their respective TTLCs. All other metals were substantially below their respective TTLCs.

One SVOC (benzo(a)pyrene) was detected at concentrations above the site-specific SSV. For substances where site-specific SSVs were not calculated, the concentrations of two SVOCs (benzo(a)anthracene and dibenzo(a,h)anthracene) were above the residential soil Preliminary Remedial Goal (PRG). One OCP (chlordane) was detected at concentrations above the site-specific SSV. Four PCBs (Aroclor 1242, Aroclor 1248, Aroclor 1254, and Aroclor 1260) were detected at concentrations above the residential soil PRGs (SSVs have not been calculated for PCBs). All other concentrations of VOCs, SVOCs, OCPs, and PCBs either were not detected or were below the site-specific SSVs or residential soil PRGs.

TPHg was detected in one sample at a low concentration of 0.6 mg/kg. TPHd was detected at a maximum concentration of 750 mg/kg and at a median concentration of 41 mg/kg. TPHo was detected at a maximum concentration of 14,000 mg/kg and a median concentration of 49.5 mg/kg.

Creek Bed/Hydrocarbon Area Soil Gas. Soil-gas samples collected from the Creek Bed/Hydrocarbon Area primarily contained the gases methane, nitrogen, carbon dioxide, and oxygen. The maximum methane concentration in shallow soil-gas wells in the Creek Bed/Hydrocarbon Area was detected in Well V-5S at 2.9 percent by volume in March 1996. Samples collected from well V-5S (screened from 7 to 9 ft bgs) since 1997 have not contained detectable concentrations of methane. Samples collected from well V-5M, which is screened between 14 and 15.5 ft bgs, historically have contained higher concentrations of methane. A sample collected in December 1997 contained 19 percent by volume methane. Creek Bed Material is relatively non-biodegradable material; however, native organic material in the original creek sediments may be the source of the methane detected in Well V-5. VOCs detected in soil gas were low (in the ppbv range).

2.1.4 Tank Area

The Tank Area is an undeveloped portion of the NCOU southeast of the intersection of Rose Drive and Cambridge Drive where pieces of two tanks, debris, associated soils, and bedrock were excavated to depths of 20 to 21 feet bgs and removed during remedial activities. Remedial activities performed in the Tank Area are presented in "Final Investigation Report, Tank Area Vicinity" prepared by LFR Levine-Fricke and dated April 3, 1998. Figure 2 shows the general location of the Tank Area within the NCOU. Figure 8 is a plan of the Tank Area. Removal activities for the Tank Area are summarized in Section 2.3.1. Analytical results for bedrock samples indicate that localized seams or fractures in the bedrock contain TPHo in the vicinity of the former tanks to depths of greater than 30 feet. A thin film or sheen on the groundwater was noted in three soil borings in the vicinity of the former tanks. Analytical results from

monitoring wells outside the former tank excavation indicate the groundwater has not been affected.

2.1.5 Hillside Area

The Hillside Area is a portion of the NCOU on the southwest-facing slope above Palace Court where scrap metal was observed on the ground surface or identified by geophysical methods. Scrap metal, visible on the ground surface has been removed. Removal activities for the Hillside Area were presented in "Revision 2 to the Hillside Area Report, North Canyon Operable Unit, Benicia, California" dated February 26, 1999, and are summarized in Section 2.2.2. Metal not visible on the ground surface has been located by geophysical surveys. Figure 2 shows the location of the Hillside Area within the NCOU. Figure 9 is a plan of the Hillside Area.

Results of analyses performed on soil samples collected from the Hillside Area were presented in Sections 3.3 and 3.4 and Figures 8 through 15 of the above-referenced report. Soil sampling analytical results of the undeveloped Hillside indicate that most metals were detected at concentrations above their respective maximum observed NCOU background concentrations. Lead and zinc are the only metals with more than one sample detected above TTLCs and background values. Copper and nickel were each reported in one sample at concentrations exceeding the TTLC and background values for those metals. Cadmium results indicate one sample with a concentration slightly below its TTLC of 100 mg/kg. Other metals are present in surface soil samples at concentrations well below their respective TTLCs.

Organic analyses indicate that PCBs were detected in surface soils at low concentrations, and that 10 OCPs, 2 SVOCs, and 2 VOCs were detected in surface soils at very low concentrations.

In 1996, a geophysical survey and soil sampling were performed in the backyards of Lots 18 through 21, and Lots 24 through 27. Modest amounts of subsurface metal pieces were found and removed in the top 1.5 ft of soil in Lots 19, 20, and 21. A greater amount of scrap metal was found in Lot 25 to an approximate depth of 2 ft bgs. The scrap metal included rusty auto parts, pieces of kitchen appliances, sheet metal, pipe, brackets, bed springs, a piece of a drum, a drum lid, angle iron, copper wire, a fork, chain, a 3-gallon tank, a flashlight battery and roller skates. Approximately one cubic yard of metal pieces was removed from Lot 25 (LFR Levine-Fricke, 1999). Between August 4 and 11, 1998, soil containing metal pieces was removed from the rear yards of Lots 19, 21, 24, 25 and 27. Soil was excavated to an approximate depth of 3 ft bgs using a backhoe. Following excavation, confirmation soil samples were collected. Analytical results for confirmation soil samples indicated that concentrations of metals were below the site rehabilitation goals (verbal communication with LFR Levine-Fricke, August 27, 2000).

Low concentrations of PCBs were detected in some backyard soil samples collected adjacent to the Hillside Area. SVOCs were not detected. Results of VOC analyses found

two VOCs, and both were detected in one backyard soil sample at very low concentrations. TPHd and TPHo were detected at low concentrations (TPHd up to 3 mg/kg and TPHo up to 240 mg/kg).

2.1.6 Tires and Hides Area

Results of investigations performed in the Tires and Hides Area are presented in the "Report on Investigations and Removal Activities East of the Corner of Rose Drive and Oxford Way and West of the Corner of Channing Circle and Clifton Court, Benicia, California," dated February 14, 1997. Removal activities are summarized in Section 2.3.3 of this RAP. Figure 2 shows the location of the Tires and Hides within the NCOU. Figure 10 is a plan of the Tires and Hides Area.

Investigation activities conducted in the Tires and Hides Area between August and December 1995 consisted of prefield activities (i.e., review of aerial photographs and interviews); soil and grab ground-water sampling in the vicinity of Lot 198; a soil investigation in the open space west of Lot 262 to assess the lateral and vertical extent of leather scraps and tires in that area; a screening-level soil-gas survey in the open space west of Lot 262; and transportation of leather scraps, tires, and soil excavated during investigation activities to off-site facilities.

2.1.6.1 Vicinity of Lot 198

Soil samples were collected from nine soil borings drilled in the vicinity of Lot 198 (see Figure 20A). Grab groundwater samples were collected from two of the borings. The boring locations were selected by consensus in a meeting on October 21, 1994, between the agencies and Granite. These locations were selected using professional judgment, with particular focus on areas that a) were relatively flat before grading for development, b) are along the edge of the then-existing road alignment, and c) provide broad areal coverage.

No leather scraps or tires (or any foreign material) were encountered during investigation activities conducted in the vicinity of Lot 198. Soil and ground-water samples were analyzed for total chromium and hexavalent chromium.

Hexavalent chromium was not detected in soil samples, and total chromium was reported at concentrations ranging from 19 mg/kg to 61 mg/kg, which are within the range of observed background concentrations. Hexavalent chromium and total chromium were not detected in groundwater samples.

2.1.6.2 Open Space West of Lot 262

Twenty-six trenches were excavated to investigate the presence of and characterize the nature of leather, tires, and associated soil in the open space west of Lot 262. The

locations of the first 20 trenches were selected based on the review of the proposed predevelopment fill area, DTSC's and LFR's observations of leather locations on the ground surface, and the area of soil disturbance observed in aerial photographs. Leather scraps were encountered in only two of the trenches. To further assess the extent of the leather observed in these two trenches, three additional trenches were excavated. These investigation activities indicated that the leather scraps were found to be in an area measuring approximately 120 by 30 feet and at depths ranging from approximately 0.5 to 7.5 feet bgs.

To assess soil-gas quality in areas where leather had been observed or suspected, a screening-level soil-gas survey was conducted following completion of the initial 20 trenches. The survey consisted of collecting samples for laboratory analysis from eight locations. Analytical results for the soil-gas samples indicated oxygen, nitrogen, and carbon dioxide near atmospheric conditions. No H₂S, methane, ethane, or other gases were detected.

2.1.7 Study Area Operable Unit

The PEA findings were as follows:

- Most of the SAOU did not require field investigation, because the background research did not indicate that past practices resulted in a release of hazardous substances.
- Field work was conducted in a two-block area along the lower part of Rose Drive, between Columbus Parkway and Palace Court. This fieldwork included collecting and analyzing samples of soil, soil gas, and groundwater. The samples were analyzed for metals, organic compounds, and pH.
- The results of the Human Health Evaluation and Ecological Screening Evaluation show that there is no threat to public health or the environment from any substances detected in the SAOU. Nearly all of the detected substances were at levels consistent with the levels observed in background soil and water.
- At one out of the total of 15 soil gas sampling points, an initial methane measurement indicated an elevated level. The detection occurred at a depth of 15.8 feet below ground surface, and was inconsistent with other investigation results. Follow-up soil gas sampling and analysis at the same point detected no methane. The PEA concluded that the initial measurement was most likely anomalous.
- Chemicals detected in soil samples in the sub-area where the former landfill operator, Mr. Braitto, had an underground gasoline storage tank at his residence indicate that the tank may have leaked fuel. No liquid fuel product was found and the detection of

gasoline constituents came from a soil gas sample collected at 9 feet below ground surface.

The PEA Report recommended that no further actions be taken with regard to the SAOU because the results showed that waste management practices have not resulted in a release or threatened release of hazardous substances that pose a threat to public health or the environment. Therefore, the remainder of this RAP focuses on proposed remedial alternatives for the NCOU portion of the Site. However, Granite will work with the appropriate governmental agencies with regard to further investigation of the former underground fuel tank location noted above. Granite also plans to install a multi-completion gas well at or near the boring location where an elevated methane concentration was previously detected, in order to further monitor this area of the SAOU.

2.2 Occurrence and Distribution of Chemicals in Groundwater

Hydrogeologic investigations conducted at the Site have identified two water-bearing zones:

- A-zone groundwater (the first groundwater encountered) is unconfined to semi-confined, and is encountered generally in fill material and extends as deep as approximately 10 feet below the engineered fill/native soil interface.
- B-zone groundwater (below the A-zone) is confined to semi-confined and is encountered in the native soils and underlying bedrock.

These groundwater zones are recharged by the upslope canyons, which were previously drained by two stream channels in the vicinity of Blake Court and Rose Drive. The general direction of groundwater flow in both zones is toward the southwest and south beneath Blake Court and Rose Drive, respectively.

Saturated water-bearing sediments encountered in borings at the NCOU predominantly consist of engineered fill (consisting generally of silty clayey gravel to gravelly silty clay), native soil (consisting of a dark brown to dark gray or black clay), bedrock (consisting of fractured claystone, sandstone and siltstone), and engineered fill with fragments of refuse. The engineered fill with fragments of refuse is predominantly soil with up to a few percent refuse fragments.

Some soil-gas monitoring wells located in the Black Material Area and Blake Court Area flood seasonally. The most recently published soil-gas data was presented in the LFR Levine-Fricke report "First Quarter 1999 Analytical Results for Soil-Gas Samples, North Canyon Operable Unit of the Former Solano County Landfill, Benicia, California" dated December 6, 1999. According to Table 1 of the report, Black Material soil-gas wells V-2M, V-2D, V-8S, V-8D, V-10D, V-11D, V-12D, B-3M, and B-3D were not sampled due to flooding. Review of screened intervals indicates that the Black Material is

saturated when these wells are flooded. In the Blake Court Area, well V-3D was reportedly flooded and could not be sampled during the second quarter of 1999. The screened interval of V-3D is 31 to 33 ft bgs. Refuse in the vicinity of well V-3D, which is located near the western edge of the refuse, extends from approximately 25 to 27 ft bgs. Thus, the top of the screened interval of well V-3D is approximately 4 ft below the bottom of the refuse. Well V-6D (screened between 24 and 26 ft bgs) was also not flooded. V-6D is located approximately 64 ft north of well V-3M and is screened at the bottom of the refuse. Using V-3D and V-6D to bracket the groundwater level indicates that the refuse in this area was not saturated during the first quarter of 1999. During other historical sampling events the water level has been found to be above the bottom of the refuse in the western portion of the landfill.

Results of analyses performed on groundwater, leachate, and/or subdrain water samples are presented in Section 3.5.3 and Tables 13A through 13D of the Prior Investigations Report (LFR Levine-Fricke, 1996) and in Sections 3.3.3.3, 3.4.2.3, 3.4.4.3, and Tables 5A, 5B, 5C and 9 of the RI Report (LFR Levine-Fricke, 1997). Sections 4.3 and 7.1.2 of the RI Report present the occurrence and distribution of chemicals in groundwater, subdrain water, and leachate.

Remedial investigations have identified sporadic detections at low concentrations of metals and organics in groundwater, leachate water, and/or subdrain water. Groundwater samples collected from wells located throughout the NCOU do not indicate the consistent presence of any chemicals at concentrations above their respective maximum contaminant levels (MCLs) or U.S. EPA lead action level. Sections 3.3.3.3 and 7.1.2 and Tables 5A, 5B, and 5C of the RI Report present the occurrence of chemicals in leachate and subdrain samples. Analyses of leachate from well G-1, located on the downgradient edge of Blake Court, indicated that chromium was present above the MCL. VOCs and TPHd were also detected in some of the samples at concentrations below primary MCLs.

Subdrain water is collected at the point where it discharges to the creek near the intersection of Cambridge Drive with Rose Drive (sampling point RD-UD). Analyses of subdrain water indicates that total and dissolved metal concentrations were less than surface-water quality objectives, MCLs, and U.S. EPA drinking water action levels. No organic substances were consistently detected.

2.3 Removal Activities

Removal activities, including work in the Tank Area, the Tires and Hides Area, and the Hillside Area, have been conducted, and are summarized below. References for information regarding these removal activities are:

- "Report on Investigations and Removal Actions in the Tank Area, Benicia, California," prepared by Levine-Fricke-Recon. May 6, 1996. Revised April 10, 1997.

3.0 POTENTIAL EFFECTS OF HAZARDOUS SUBSTANCES ON PRESENT AND FUTURE BENEFICIAL USES OF RESOURCES

This section describes the potential effects of hazardous substances present in soil, groundwater, surface water, or leachate on beneficial uses of resources (i.e., groundwater and land) at the Site.

3.1 Effects on Beneficial Uses of Groundwater

The only existing beneficial use of A-Zone groundwater at the Site is recharge to an unnamed creek that discharges into Southampton Marsh (RWQCB, 1987). No other beneficial uses of groundwater have been identified. Groundwater beneath the Site is not a probable future source of drinking water given the low permeability and low yield of the underlying units.

The permeability of the bedrock that underlies the Site reportedly ranges from 4.4×10^{-5} to 1×10^{-6} centimeters per second (cm/sec). The permeability of the native clay that overlies the bedrock is reportedly on the order of 1×10^{-7} cm/sec (RWQCB, 1987). These low permeability values indicate that the native clay and bedrock do not transmit water in quantities sufficient to be considered aquifers.

Groundwater and surface water are monitored at sampling points near the intersection of Rose Drive and Cambridge Drive. This monitoring is conducted on a quarterly basis under the direction of the RWQCB. Groundwater and creek samples are analyzed for a broad spectrum of metals and organic compounds. Results of analyses performed on groundwater and creek sampling show metal and organic compound concentrations consistently at background levels. These data indicate that conditions in the NCOU and SAOU have not had any significant impacts on groundwater or surface water quality.

Groundwater and subdrain quality and groundwater flow direction and velocity in the NCOU are monitored on a quarterly basis in accordance with the RWQCB Order No. 8707, issued in 1987 and modified by RWQCB letters dated February 3 and March 8, 1993. Groundwater and subdrain samples are analyzed VOCs, SVOCs, TPH, dissolved and total metals, OCPs, PCBs, and total suspended solids (TSS). Leachate well G1 and B-Zone monitoring well G2R are additionally tested for total organic carbon (TOC), total kjeldahl nitrogen (TKN), phenols, and several other indicator parameters.

3.2 Effects on Beneficial Uses of Land

The NCOU is currently developed as a residential area. The SAOU land immediately adjacent to the NCOU is open space. Current land use in the NCOU is affected by the presence of wastes in the Black Material Area and the Blake Court Area. Future land use

of the Black Material Area will be addressed by the removal of the Black Material, as described in Section 7.1 of this RAP.

The Blake Court Area is currently subject to land use restrictions, periodic monitoring, and other requirements implemented pursuant to applicable state laws and the Waste Discharge Requirements issued by the RWQCB (1987). After the RAP has been implemented and refuse has been removed from the Blake Court Area (Section 7.2 of this RAP), land use of the Blake Court Area should be unrestricted and monitoring and other requirements should be rescinded by the RWQCB. As discussed in Section 1.2.3 above, however, it is anticipated that proposed development of the Blake Court Area under proposed separate projects with the City of Benicia, may affect future land use.

SUMMARY OF BASELINE HEALTH RISK ASSESSMENTS

4.0

4.1 Introduction

Several baseline health risk assessments (BHRAs) have been completed for areas of the Site. In 1997, ChemRisk assessed the potential health risks associated with potential exposure to substances found in subsurface soils, soil gas, subdrain water and groundwater at the NCOU (ChemRisk, 1997). The BHRA was conditionally approved by DTSC in its May 5, 1997 letter to Dr. Peter Russell of RRI. A summary of the BHRA for the NCOU is presented in Section 4.2.

A separate BHRA was completed for the Hillside Area, which concluded that there are no significant health risks to residents or recreational visitors to the Hillside Area (LFR/ChemRisk, 10/3/97, revised 2/26/99). A summary of the Hillside Area risk assessment is presented in section 4.3. No BHRA has been required for the Tires and Hides Area and the Tank Area, where remedial activities already have been completed. As part of the PEA, a Human Health Evaluation and Ecological Screening Evaluation was performed for the SAOU. These analyses showed that there is no threat to public health or the environment from any substances detected in the SAOU (ChemRisk, 1999). A summary of the SAOU PEA screening evaluation is presented in section 4.4.

4.2 Summary of BHRA for NCOU

The BHRA evaluated potential exposure scenarios involving occupants (adult and child), service workers, and commercial workers, as described below.

- **Child and adult occupants:** incidental ingestion of soil, incidental ingestion of subdrain water (for child occupant only), dermal contact with soil, dermal contact with subdrain water (for child occupant only), inhalation of soil particulates,

ingestion of homegrown fruits and vegetables, and inhalation of emitted subsurface soil gas.

- **Service workers:** incidental ingestion of soil, inhalation of soil particulates in a utility trench during hypothetical construction work, and inhalation of emitted subsurface soil gas in a trench.
- **Commercial workers:** ingestion of groundwater and inhalation of emitted subsurface soil gas.

Exposure to subsurface soil was considered using two different excavation scenarios: the first scenario for the Black Material and Creek Bed/Hydrocarbon Areas assumed exposures to subsurface soil down to 12.5 feet bgs during the time required to install a swimming pool; the second scenario for the Black Material Area and the Blake Court Area assumed a 30 year exposure to excavated soil brought up from a depth of 12.5 ft bgs and mixed at the surface. With respect to the second excavation scenario, it should be recognized that no such scenario has occurred in the Black Material Area or could occur in the future, since this Area's subsurface material is to be removed. Similarly, no such scenario could occur in the Blake Court Area, since provisions in the Closure Order for Blake Court impose certain land use restrictions including the prohibition of penetrations through the Blake Court cap in order to preserve cap integrity. No houses are located in the Blake Court Area.

For each scenario, two exposure cases were evaluated: the Reasonable Maximum Exposure (RME) case and the typical case. The RME is defined as "the highest exposure that is reasonably expected to occur at the Site (U.S. EPA 1989)," and as such, represents an upper-boundary estimate of potential exposure. The typical case is referred to as "a most likely exposure (U.S. EPA 1989)," and represents an average estimate of potential exposure.

NCOU Risk Characterization

Potential health risks posed by Chemical of Interest (COIs) in soil, soil gas, subdrain water, and groundwater at the NCOU were quantitatively evaluated in the BHRA under the exposure scenarios mentioned above. The quantitative results are presented below.

- The incremental cancer health risk is less than 10^{-6} (i.e., one-in-a-million) for occupant adults and children, service workers and commercial workers associated with potential exposure to COIs detected in soil, soil gas, and subdrain water. The one-in-a-million risk level is at the more conservative end of the range of health risks commonly used by the U.S. EPA and California regulatory agencies in risk management decision-making.
- There are no adverse noncarcinogenic health effects associated with potential exposure to COIs detected in soil, soil gas and subdrain water. All predicted Hazard

Indices (HIs) are below one. (An HI value of one is generally used by U.S. EPA and California regulatory agencies as an indication that more detailed toxicology evaluations should be conducted. It is not an indicator that noncarcinogenic health impacts are likely to occur.)

- Lead concentrations detected in soils do not pose a health hazard for either children or adults. According to the HHRA and HHMRA Guidance Documents, a blood lead biokinetic model was used to predict hypothetical blood lead levels in children and adults and indicates blood lead levels for adults and children will be below 10 µg/dl, the benchmark used by U.S. EPA and other regulatory agencies.
- A service worker exposed to soil gas over a 25-year working lifetime would not be exposed to COIs above applicable workplace exposure standards. Soil related exposures (dermal contact, soil ingestion, and soil particulate inhalation) do not result in cancer risks above 10^{-6} (i.e., one-in-a-million) nor HIs greater than 1.
- Methane levels detected in subsurface soil gas, indoor air, and ambient air do not pose a hazard to occupants. Other chemicals detected in subsurface soil gas and ambient air, particularly hydrogen sulfide, are not likely to impact the aesthetic quality of outdoor and indoor air because these chemicals are not anticipated to occur at concentrations above odor thresholds.
- As directed by DTSC, exposure to subsurface soil was examined using two different excavation scenarios: the first scenario for the Black Material and Creek Bed/Hydrocarbon Areas assumed exposures to subsurface soil during the time required to install a swimming pool; the alternative excavation scenario for the Black Material and Blake Court Areas assumed a 30 year exposure to excavated soil brought up from a depth of 12.5 ft bgs and mixed at the surface. Potential non-cancer hazard index values for both excavation scenarios are less than 1. With regard to the carcinogenic evaluation, a stochastic approach was used. The predicted 95th percentile potential cancer risks due to exposure to COIs in soil for both scenarios are below 10^{-6} (i.e. one-in-a-million).

4.3 Summary of BHRA for Hillside Area

A BHRA evaluation of the Hillside Area was conducted and findings are presented in the Hillside Area Report prepared by LFR Levine-Fricke dated October 3, 1997 and revised February 26, 1999. The BHRA for the Hillside Area evaluated two potential exposure scenarios involving occupants (adult and child), and recreational users, as described below.

- **Child and adult occupants:** Adult and child occupant scenarios were evaluated based on data collected from the backyards of Lots 18 through 21 and 24 through 27. Pathways quantified included incidental ingestion of soil, dermal contact with soil, inhalation of surface soils shallower than 1.0 to 3.5 feet bgs., and ingestion of homegrown fruits and vegetables. For this scenario, the COI's identified through the selection process were zinc, and a PCB (Arochlor 1254).
- **Recreational:** A recreational scenario for an adolescent was evaluated based on data collected in the sloping portion of the hillside that is open space. Pathways quantified included incidental ingestion of soil, dermal contact with soil, and inhalation of surface soils shallower than 1.0 to 3.5 feet bgs. For this scenario, the COI's identified through the selection process were three metals (antimony, cadmium, and lead), four pesticides (aldrin, chlordanes [alpha- chlordane, chlordane, and gamma chlordane], dieldrin, and heptachlor), and PCBs (Arochlor 1254 and Arochlor 1260).

Exposure to subsurface soil for the backyards of Lots 18 through 21 and 24 through 27 was considered for two different scenarios: the first scenario assumed exposures to subsurface soil shallower than 1.0 feet; the second scenario assumed exposures to soils shallower than 3.5 feet bgs. Exposure to subsurface soil for the undeveloped hillside was considered for subsurface soil shallower than 1.5 feet. For each scenario the RME and the typical case were evaluated.

Hillside Area Risk Characterization

Potential health risks posed by COIs in soil at the Hillside Area were quantitatively evaluated under the exposure scenarios mentioned above. The BHRA quantitative results for the exposure scenarios mentioned above are summarized below.

- The incremental cancer health risk is at or less than 10^{-6} (i.e., one-in-a-million) for occupant adults and children associated with potential exposure to COIs in soil from the backyards of Lots 18 through 21 and 24 through 27.
- There are no adverse noncarcinogenic health effects for occupant adults and children associated with potential exposure to COIs in soil from the backyards of Lots 18 through 21 and 24 through 27. All predicted HIs are much less than one for both a child and an adult.
- The incremental cancer health risk is less than 10^{-6} (i.e., one-in-a-million) for the recreational visitor associated with potential exposure to COIs in soil from the undeveloped hillside.
- There are no adverse noncarcinogenic health effects for the recreational visitor associated with potential exposure to COIs in soil from the undeveloped hillside. All predicted HIs are much less than one for recreational scenario.

4.4 Summary of SAOU PEA Screening Evaluation

A PEA evaluation of the SAOU was conducted and findings are presented in the PEA Report prepared by LFR Levine-Fricke and Exponent dated September 24, 1998 and revised January 29, 1999. The PEA included both a human health evaluation (non-carcinogenic health effects, carcinogenic risks, dioxin and furan risk, a lead evaluation, a methane evaluation), as well as an ecological screening evaluation. The purpose of the screening evaluations was to help determine if additional study or no further action was required by providing risk/hazard estimates.

The human health screening evaluation was a health-conservative preliminary evaluation of potential risk and hazards and considered generic in nature. Due to the generic nature of the assumptions used in the screening evaluation, including the use of the maximum value detected within the entire location and residential exposure assumptions, the risk and hazard estimates were very conservative. The pathways evaluated in the SAOU were incidental ingestion of soil, dermal contact with soil, inhalation of airborne dust, and inhalation of soil gas.

Results of the PEA investigation for the SAOU indicated that past landfill entrance operation activities have not resulted in releases of substances that pose a significant threat to human health or to the environment. PEA sample results for soil, soil-gas and groundwater show that chemicals were detected at concentrations consistent with levels observed in local background samples in most cases. Limited releases of substances to the subsurface have occurred, but based on conservative risk screening calculations no further actions are necessary with regard to the SAOU.

5.0

REMEDIAL ACTION OBJECTIVES

RAOs consist of medium-specific or Operable Unit-specific goals for protecting health and the environment. RAOs aimed at protecting health and the environment specify:

- The COI;
- Exposure route(s) and receptor(s); and
- An acceptable concentration for each exposure route.

Acceptable chemical concentrations are selected on the basis of the results of the BHRA and the evaluation of the expected exposures and associated risks for each alternative. Concentrations in each medium are compared with these acceptable levels and include an evaluation of the following factors:

- Whether the remediation goals for all carcinogens of interest, including those with goals set at the chemical-specific ARAR level, provides protection within the risk range of 10^{-4} to 10^{-6} ;
- Whether the remediation goals set for all non-carcinogens of interest, including those with goals set at the chemical-specific ARAR level, are sufficiently protective;
- Whether environmental effects (in addition to health effects) are adequately addressed; and
- Whether the exposure analysis conducted as part of the health risk assessment adequately addresses each significant exposure pathway identified in the BHRA.

To focus on those COIs which present the greatest potential risk, and to develop appropriate RAOs and remedial action alternatives for the NCOU, the COIs identified in the BHRA were evaluated to eliminate those COIs which do not contribute significantly to the overall health risks. Based on the results of the BHRA, no COIs in soil, soil gas, and subdrain water contributed to overall health risks with a cancer risk greater than 10^{-6} , an HI greater than 1, or a blood lead level greater than 10 $\mu\text{g}/\text{dl}$ for a child and an adult.

Although the BHRA found that there are no significant health risks, the DTSC requested that the feasibility study include chemical-specific RAOs to be consistent with the RI/FS Guidance. Therefore, quantitative chemical-specific and media-specific RAOs were presented in Section 5.0 of the FS/PHERA. A summary of the quantitative RAOs for soil, and groundwater are presented in Tables 3 and 4, respectively and are discussed below.

- The Black Material and Blake Court Areas contain several metals and organic compounds with maximum concentrations that exceed the soil RAOs. All identified waste materials will be remediated at these locations. The Creek Bed/Hydrocarbon Area and the Tank Area do not contain any COIs at concentrations exceeding the soil RAOs.
- With the exception of antimony, no groundwater samples collected from the NCOU exceed the groundwater RAOs. However, antimony is present at similar concentrations in background groundwater samples. Considering the RI results, the BHRA findings, and the FS/PHERA findings, and the procedures set forth in the RI/FS Guidance, remedial alternatives were not considered for groundwater in the NCOU.

SUMMARY AND EVALUATION OF REMEDIAL ALTERNATIVES

6.0

6.1 Identifications of Alternatives

In accordance with the NCP and the U.S. EPA's RI/FS Guidance Document, general response actions, remedial technologies, and specific process options were identified and screened for applicability at the Site. Options that were found to be feasible and implementable were used to develop remedial alternatives for the following subareas: Black Material Area, Blake Court Area, Creek Bed/Hydrocarbon Area, and Tank Area. These alternatives are described below.

Alternatives have not been developed for the Tires and Hides Area, Hillside Area, and SAOU because no further remedial actions are needed in these portions of the Site. As detailed in Section 4, no significant health risks have been identified for potential receptors in these areas.

6.1.1 Summary of Alternatives for Black Material Area

A total of eight alternatives were identified and screened in the FS/PHERA (LFR & ChemRisk, 1997) for the Black Material Area. These alternatives included institutional controls, as well as containment, treatment, and disposal options to remediate the Black Material Area, as follows.

- Alternative A-1: No Remedial Action
- Alternative A-2: No Remedial Action with Institutional Controls
- Alternative A-3: No Remedial Action with Institutional Controls and Monitoring

- Alternative A-4: Install Cap, Extract and Treat Soil Gas, Institutional Controls, and Monitoring
- Alternative A-5: Install Cap, Extract and Treat Soil Gas, Install Leachate Controls, Institutional Controls, and Monitoring
- Alternative A-6: In-Place Treatment and Off-Site Disposal
- Alternative A-7: In-Place Treatment and On-Site Containment
- Alternative A-8: Above-Ground Stabilization and Off-Site Disposal.

Three of these alternatives were retained for further consideration and are discussed below. These alternatives include institutional controls, as well as containment, treatment, and disposal options to remediate the Black Material Area.

Alternative A-3: No Remedial Action with Institutional Controls and Monitoring.

Alternative A-3 would not include implementation of any remedial technologies. Instead, chemicals would gradually degrade, volatilize, transform to other compounds, or migrate. Concentrations in soil, soil gas, and leachate would decrease by these natural processes.

Specific components of this alternative would include either or both of the following:

- Implementation of institutional controls to limit future land use, if deemed necessary by DTSC.
- Continued monitoring of soil gas and ground water in the vicinity of the Black Material Area.

Alternative A-6: In-Place Treatment and Off-Site Disposal. Alternative A-6 includes treatment and removal of the Black Material and overlying Blake Court Refuse and fill with fragments of refuse in the Black Material Area (see Figure 11). In-Place treatment processes would be used to reduce potential emissions of hydrogen sulfide and other gases, and solidify the more fluid portions of the Black Material to stabilize the material for excavation and disposal purposes. The stabilized Black Material would be disposed at an appropriate facility, based on its waste classification profile. For the purpose of the FS/PHERA, it has been assumed that the treated Black Material would be transported to an out-of-state permitted landfill. A treatability study was completed for the Black Material, that demonstrated the technical feasibility of using in-place stabilization to treat the Black Material. This alternative would include the following remedial components:

- Short-term soil gas extraction and treatment before in-place stabilization, to reduce potential soil gas emissions during in-place soil mixing.

- Removal of unoccupied houses on Lot 50 and Lot 51 to provide access to stabilize and remove Black Material.
- Excavation and temporary stockpiling of approximately 2,800 cy of overburden soils. The stockpiled soil will be tested prior to backfilling it on site.
- Excavation and off-site disposal of approximately 920 cy of overburden containing Blake Court Refuse and fill with fragments of refuse.
- Addition of stabilization agents (e.g., Portland cement, lime, flyash, or combination of admixtures) as a slurry to the Black Material using a mixing auger.
- Collection and treatment of potential emissions generated during soil mixing using a thermal oxidation unit, activated carbon, or other technologies, as necessary.
- Excavation of stabilized Black Material (after curing) within approximately the limits shown in Figure 11, using conventional earth-moving equipment (e.g., excavators, loaders, etc.) and loading into trucks for transport from the NCOU. Appropriate dust and odor control measures would be implemented as specified in the health and safety plan and remedial design document. These measures could include excavation under a temporary structure if necessary to control potential odors and soil-gas emissions. Temporary sheet piling may be installed, as necessary, to stabilize the excavation area.
- Disposal of stabilized Black Material at an appropriate permitted facility, based on the characteristics of the treated material.
- Collection and analysis of samples from the excavation area to confirm that soils remaining do not exceed RAOs.
- Backfilling the excavation with imported fill and stockpiled overburden soils, restoring the area to the original grade, replacement of the houses on Lots 50 and 51, and landscape restoration. The stockpiled soil will be tested prior to backfilling it on site.

Alternative A-7: In-Place Treatment and On-Site Containment. Alternative A-7 would be similar to Alternative A-6, except that the stabilized Black Material would be contained on site after it is treated (see Figures 11 and 12). The overlying Blake Court Refuse and fill with fragments of refuse would be excavated and disposed of off site or included in the treatment. This alternative would include the following components:

- Short-term soil gas extraction and treatment before in-place stabilization, to reduce potential soil gas emissions during the soil treatment process.

- Removal of unoccupied houses on Lot 50 and Lot 51 to provide access to stabilize Black Material.
- Excavation and temporary stockpiling of approximately 2,800 cy of overburden soils.
- Excavation and off-site disposal of approximately 920 cy of overburden containing Blake Court Refuse and fill with fragments of refuse.
- Addition of stabilization agents (e.g., Portland cement, lime, flyash, or combination of admixtures) as a slurry to the Black Material using mixing augers within the area shown in Figure 11.
- Collection and treatment of potential emissions generated in the treatment zone using a thermal oxidation unit, activated carbon, or other technologies, as necessary.
- Construction of a soil or geomembrane cap over the Black Material Area (Figure 12) to reduce potential contact with the stabilized Black Material, reduce infiltration of surface water, and to control potential release of soil gas, if any.
- Construction of a slurry trench with a geomembrane barrier and extraction wells or trenches (Figures 12), if necessary, to control potential build up and/or movement of liquids or gas from the Black Material Area. The extracted liquid would be discharged to the sanitary sewer or storm drain, or transferred to an off-site facility for treatment and disposal, as appropriate.
- Backfilling the remediation area with imported fill and stockpiled overburden soils, as necessary, restoring the area to the original grade, replacement of the houses on Lots 50 and 51, and landscape restoration. The stockpiled soil will be tested prior to backfilling it on site.
- Monitoring of soil gas and ground water in the Black Material Area.

6.1.2 Summary of Alternatives for Blake Court Area

The following five alternatives were identified for the Blake Court Area:

- Alternative B-1: No Remedial Action
- Alternative B-2: No Remedial Action with Institutional Controls
- Alternative B-3: Institutional Controls; and Remove and Dispose of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 Only

- Alternative B-4: Institutional Controls and Hydraulic Containment; and Removal and Disposal of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 Only
- Alternative B-5: Remove and Dispose of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 and All of the Blake Court Refuse.

Based on the screening evaluation performed in the FS/PHERA, Alternatives B-3, B-4, and B-5 were retained for further consideration. These alternatives are summarized below.

Alternative B-3: Institutional Controls, and Removal and Disposal of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 Only. Alternative B-3 includes the removal of fill with fragments of refuse and Blake Court Refuse from a portion of Parcel C-1 only (see Figure 13). If Alternative B-3 were selected, organic chemicals in remaining Blake Court Refuse would gradually degrade, volatilize, or transform to other compounds. The existing closure requirements and land use restrictions specified in RWQCB Orders 79-146 and 87-7 would remain in effect, including continued monitoring of soil gas, leachate, and ground water in the vicinity of Blake Court. If migration from the Blake Court Area were detected, control measures would be implemented as directed by the appropriate agency. Organic chemicals in soil, soil gas, and leachate would decrease by these natural processes. Specific components of this alternative would include the following:

- Excavation of approximately 550 cy of Blake Court Refuse and 1,650 cy of fill with fragments of refuse from Parcel C-1. The maximum excavation depth would be approximately 15 feet bgs.
- Loading of the excavated material into trucks for transport from the NCOU. The disposal site would be selected based on characterization of excavated material, landfill acceptance criteria, and contractor bids for transportation and disposal.
- Collection and analysis of confirmation samples and backfilling the excavation area with overburden soils and imported fill. After backfilling, the area would be regraded to restore the ground surface to its former elevation. The stockpiled overburden soil will be tested prior to backfilling it on site.
- Institutional controls in the form of recording the existing land use restrictions would be implemented, as necessary.

Alternative B-4: "Institutional and Hydraulic Containment, and Removal and Disposal of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 Only."

Alternative B-4 is similar to Alternative B-3, except that hydraulic controls to control potential contact of groundwater with the remaining Blake Court Refuse would be

implemented (see Figure 14). Specific components of this alternative would include the following:

- Excavation of approximately 550 cy of Blake Court Refuse and 1,650 cy of fill with fragments of refuse from Parcel C-1. The maximum excavation depth would be approximately 15 feet bgs.
- Loading of the excavated material into trucks for transport from the NCOU. The disposal site would be selected based on characterization of excavated material, landfill acceptance criteria, and contractor bids for transportation and disposal.
- Collection and analysis of confirmation samples and backfilling the excavation area with overburden soils and imported fill. After backfilling, the area would be regraded to restore the ground surface to its former elevation. The stockpiled overburden soil will be tested prior to backfilling it on site.
- Install an upgradient subdrain trench beyond the perimeter of the landfill boundary. The trench would be approximately 8 to 22 feet deep and contain a collection pipe and gravel backfill.
- Downgradient groundwater control measures consisting of a series of horizontal drains in native materials beneath the landfill and a downgradient subdrain trench below and beyond the downhill limit of the refuse would be installed. The trench would be constructed in the Black Material excavation on Lot 47 and extend below the bottom of the landfill material. The trench would be isolated from the landfill by a 4 foot thick clay barrier. The outflow from the downgradient ground water control system is intended to connect to the reportedly existing toe drain pipe which connects to the Rose Drive subdrain. It is expected that the existing toe drain and a section of the existing pipe will be removed during the excavation of the Black Material. Before the work begins in the work area, a geophysical survey will be performed for the purpose of locating the reported subdrain, if practical. If the subdrain can not be remotely located, the subdrain will be located during the excavation for the removal of the Black Material. If the existing subdrain can not be found, an outlet will be constructed for the downgradient subdrain system. The outlet could consist of constructing a connection to the Rose Drive Subdrain or constructing a sump and lift station to place the water in the near surface storm drain system.
- Institutional controls in the form of recording the existing land use restrictions would be implemented as necessary.

Alternative B-5: "Remove and Dispose of Refuse and Fill with Fragments of Refuse from a Portion of Parcel C-1 and All of Blake Court." Under Alternative B-5 all refuse would be excavated and removed from the Blake Court Area, and refuse and fill containing fragments of refuse also would be removed from a portion of Parcel C-1 (see

Figure 15). The excavated material would be transported to an approved land disposal facility. Specific remedial components for this alternative would include the following activities:

- Excavation of approximately 48,000 cy of overburden and landfill material from the Blake Court Area as shown in Figure 15. The maximum excavation depth would be approximately 30 feet bgs. The excavation would be sloped or benched, as necessary, to meet OSHA requirements and to protect workers during excavation.
- Excavation and off-site disposal of Blake Court Refuse and fill containing fragments of refuse from Parcel C-1, as described for Alternative B-3.
- Loading of the excavated material into trucks for transport from the NCOU. The disposal site would be selected based on characterization of excavated material, landfill acceptance criteria, and contractor bids for transportation and disposal.
- Confirmation sampling and analysis, then backfilling of the excavation area with overburden soils and imported fill. After backfilling, the Blake Court Area, including a portion of Parcel C-1, would be regraded to restore the ground surface to its former elevation. The stockpiled overburden soil will be tested prior to backfilling it on site.

6.1.3 Summary of Alternatives for Creek Bed/Hydrocarbon Area

The following five remedial alternatives were evaluated by DTSC for the Creek Bed/Hydrocarbon Area:

- Alternative C-1: No Remedial Action
- Alternative C-2: No Remedial Action with Monitoring
- Alternative C-3: In Situ Treatment of TPH in Subsurface Soils and Monitoring
- Alternative C-4: Excavation and Offsite Disposal of Hydrocarbon Area Soil
- Alternative C-5: Excavation and Off-Site Disposal of Soils from Creek Bed/Hydrocarbon Area.

Based on the screening evaluation performed by DTSC and incorporated in the FS/PHERA, Alternatives C-2 and C-4 were retained for further consideration. These alternatives are summarized below.

Alternative C-2: No Remedial Action with Monitoring. No remedial technologies would be implemented under Alternative C-2 except for continued environmental monitoring. If Alternative C-2 were selected, the organic chemicals may gradually degrade,

volatilize, transform to other compounds, or migrate from the Creek Bed/Hydrocarbon Area. Concentrations in soil and soil gas would decrease by these natural processes. Specifically, this alternative would include monitoring of soil gas and groundwater in the vicinity of Creek Bed/Hydrocarbon Area for five years. With Alternative C-2, should future monitoring data indicate increased concentrations in groundwater which pose a potential risk to health or the environment, then remedial alternatives would be considered for this portion of the NCOU.

Alternative C-4: Excavation and Offsite Disposal of Hydrocarbon Area Soils. This alternative would involve excavation of soils containing petroleum hydrocarbons. The soil would be transported to an approved off-site disposal facility. Specific components of this alternative would include the following:

- Moving a number of houses located in the Hydrocarbon Area;
- Removal of sections of Rose Drive, and possibly Bolton Circle and Blake Court, including temporary re-routing of traffic around the work zone while construction is underway;
- Temporary relocation of underground utilities in the excavation area;
- Shoring and de-watering the excavation area, as necessary, and treatment and disposal of water, if necessary;
- Stockpiling soils that do not require any remedial action, for subsequent backfill in the Hydrocarbon Area;
- Excavation, loading, transportation, and disposal of soil containing petroleum hydrocarbons;
- Confirmation sampling of excavation sidewalls and bottom;
- Backfilling, compaction, grading, and installation of surface-water drainage controls in the Hydrocarbon Area;
- Reinstallation of underground utilities;
- Reconstruction of Rose Drive and possibly Bolton Circle and Blake Court, and associated sidewalks;
- Returning houses to their original locations and relandscaping the area; and
- Continued monitoring of groundwater in the vicinity of the Hydrocarbon Area.

6.1.4 Summary of Alternatives for Tank Area

The residual hydrocarbon substances detected in bedrock and groundwater in the Tank Area are not believed to pose a significant health risk under current or hypothetical future land uses. However, the following six remedial alternatives were evaluated by DTSC for the Tank Area:

- Alternative D-1: No Remedial Action
- Alternative D-2: No Remedial Action with Institutional Controls
- Alternative D-3: No Remedial Action with Monitoring
- Alternative D-4: No Remedial Action with Institutional Controls and Monitoring
- Alternative D-5: In Situ Treatment of Hydrocarbons in Saturated Bedrock, Sediments, and Ground Water
- Alternative D-6: Pump-and-Treat of Groundwater from Saturated Bedrock.

Based on the screening evaluation performed by DTSC and incorporated in the FS/PHERA, Alternatives D-3, D-5 and D-6 were retained for further consideration. These alternatives are summarized below.

Alternative D-3: No Remedial Action with Monitoring. No remedial technologies would be implemented under Alternative D-3, except for environmental monitoring for five years. Specific components of this alternative would include the following:

- Installation of three additional monitoring wells;
- Evaluation of the extent/volume of the oil phase by performing product drawdown and recovery testing;
- Collection of soil and surface-water samples in the marshy area west of Cambridge Drive;
- Preparation of an investigation report to describe the above activities; and
- Continued monitoring of groundwater, and possibly surface water, to evaluate potential migration of hydrocarbons from the Tank Area.

The above activities were implemented in May 1997, with DTSC oversight, following preparation of the Final FS/PHERA. The results of this field investigation were presented in the report entitled "Final Investigation Report, Tank Area Vicinity, Benicia,

California (Levine-Fricke-Recon, April 3, 1998) and have been summarized in Section 2.1.4 of this RAP.

Alternative D-5: In Situ Treatment of Hydrocarbons in Saturated Bedrock, Sediments, and Ground Water. This alternative would involve the addition of nutrients, and possibly oxygen, to the contaminated bedrock to stimulate naturally occurring microorganisms to degrade petroleum hydrocarbons. Specific components of this alternative would include the following:

- Installation of injection/extraction wells or trenches and additional monitoring wells;
- Addition of oxygen and nutrient solutions to the subsurface, to stimulate naturally occurring bacteria and increase the biodegradation rate; and
- Continued monitoring of groundwater and surface water in the vicinity of the Tank Area.

Alternative D-6: Pump and Treat Groundwater from Saturated Bedrock. This alternative would involve the installation of one or more groundwater extraction wells to extract groundwater from the saturated zone. The treatment would include activated carbon adsorption followed by discharge to the local sewer system. Specific components of the system would include the following:

- Installation of extraction wells;
- Treatment of extracted groundwater with activated carbon;
- Discharge of treated groundwater to the local sewer system; and
- Monitoring existing wells and the treatment system effluent.

6.2 Evaluation of Remedial Alternatives

6.2.1 Evaluation Criteria

In accordance with the NCP and the U.S. EPA's RI/FS Guidance Document, the FS/PHERA used nine criteria to evaluate the NCOU remedial alternatives. The first two criteria are considered "threshold" criteria that must be met for the alternative to be further considered in the process to select a final alternative for the NCOU. The next five criteria are termed "balancing" criteria that must be considered when evaluating alternatives. The last two criteria, regulatory and community acceptance, are known as "modifying" criteria that have been addressed throughout the RI/FS process, and will continue to be considered following public and agency comment on this RAP.

These criteria are described below:

- **Overall Protection of Health and the Environment (Threshold Criterion).** This criterion considers the short-term and long-term effects of remedial activities. The short-term effects potentially include the emissions of COIs when implementing remedial technologies. The long-term effects consider the potential health and environmental effects associated with residual concentrations of COIs following completion of remedial alternatives.
- **Compliance with ARARs (Threshold Criterion).** This criterion is used to determine whether an alternative would comply with the federal and state ARARs that have been identified for the NCOU as presented in FS/PHERA.
- **Long-Term Effectiveness and Permanence (Balancing Criterion).** Long-term effectiveness is considered a “balancing” criterion to address the ability of an alternative to reliably protect health and the environment over time once the RAOs have been met. This criterion considers potential risks related to residual concentrations of COIs following completion of the remedial action.
- **Short-Term Effectiveness (Balancing Criterion).** Short-term effectiveness is a balancing criterion that pertains to the potential risks to health and the environment while the remedial alternative is being implemented (i.e., before achieving the specified remedial action objectives for the NCOU).
- **Reduction of Toxicity, Mobility, or Volume (Balancing Criterion).** SARA emphasizes a preference for those remedies that use treatment technologies to permanently reduce the toxicity, mobility, or hazardous substances. However, the NCP and the U.S. EPA’s RI/FS Guidance Document also recognize that engineering controls, rather than treatment, may be appropriate if the hazardous substances represent a relatively large volume and poses relatively low risks to human health or the environment.
- **Implementability (Balancing Criterion).** This criterion pertains to the technical and administrative feasibility of carrying out the specified remedial alternative. Factors include potential technical difficulties, ease of implementation, and ability to monitor the effectiveness of the remedy.
- **Cost (Balancing Criterion).** This criterion refers to the capital and operation and maintenance costs needed to implement an alternative. Cost estimates for each of the NCOU alternatives have been developed from a variety of sources, including the RI results, treatability study results, vendor quotes, and experience on similar projects. The cost estimates presented in this section are expected to have an accuracy of +50 percent to -30 percent.

- **Regulatory Acceptance (Modifying Criterion).** Previously received agency comments expressing preferences towards or against particular alternatives have been considered. In particular, this RAP incorporates several alternatives that DTSC has proposed for the Creek Bed/Hydrocarbon and Tank Areas, reflecting DTSC's preferences regarding the evaluation of these portions of the Site.
- **Community Acceptance (Modifying Criterion).** This criterion considers the public's input on the proposed alternatives, based on comments submitted to DTSC. Community members provided comments throughout the RI/FS process. Public comments submitted to DTSC on the draft FS/PHERA were summarized in the final FS/PHERA and incorporated as an appendix to that document. Additionally, the City of Benicia expressed its preferences for remedial alternatives for the Site, via Resolution 97-70, passed on May 6, 1997. This RAP considers Resolution 97-70, in recommending final remedial alternatives, and will consider other public comments submitted to DTSC.

In addition to the U.S. EPA criteria noted above, the FS/PHERA also evaluated the NCOU alternatives in accordance with the six remedial action plan evaluation factors specified in California Health and Safety Code § 25356.1. These factors were considered in conjunction with the U.S. EPA criteria as specified below:

- (1) Health and safety risks posed by site conditions (considered in conjunction with the U.S. EPA criterion: Overall Protection of Health and the Environment);
- (2) The effect of contamination levels on present, future, and probable beneficial uses of contaminated, polluted, or threatened resources (considered with the U.S. EPA criterion: Compliance with ARARs);
- (3a) The effect of alternative remedial action measures on the reasonable availability of groundwater resources for present, future, and probable beneficial uses (considered with the U.S. EPA criterion: Compliance with ARARs);
- (3b) Treatments that significantly reduce volume, toxicity, or mobility of hazardous substances (considered with the U.S. EPA criterion: Reduction of Toxicity, Mobility, and Volume);
- (4) Site-specific characteristics, including the potential for off-site migration of hazardous substances, the surface and subsurface soil, the hydrogeologic conditions at the NCOU, and preexisting background contamination levels (considered with the U.S. EPA criterion: Short-Term Effectiveness);
- (5) The cost-effectiveness of alternative remedial action measures (including both short- and long-term costs and whether deferral of a remedy will result in a rapid cost increase or a hazard to public health or the environment) (considered with the U.S. EPA criterion: Cost); and

- (6) Potential environmental impacts of alternative remedial measures (including land disposal versus treatment issues) (considered with the U.S EPA criterion: Reduction of Toxicity, Mobility, and Volume).

6.3 Comparative Analysis of Remedial Alternatives

6.3.1 Black Material Area

Overall Protection of Health and the Environment

As discussed in the BHRA, COIs in the Black Material subarea are not believed to pose a significant health risk. With the exception of Alternative A-3 (no remedial action with institutional controls and monitoring), both of the remaining alternatives (A-6 and A-7) would satisfy the RAOs and are expected to be protective of health and the environment since the Black Material would be stabilized and removed or contained on site.

Compliance with ARARs

Proposed remedial alternatives A-6 and A-7 are expected to fully comply with ARARs identified for the Black Material Area. Alternative A-3 does not include any active measures to assure compliance with ARARs. Under Alternative A-3, groundwater and soil gas would be monitored to indicate if chemical-specific ARARs were being exceeded, so that other remedial action could be undertaken, if necessary.

Long-Term Effectiveness and Permanence

The various alternatives for the Black Material Area satisfy the criterion of long-term effectiveness and permanence to varying degrees. Alternative A-3 is not considered to provide long-term effectiveness or permanence. For this alternative, no remedial action would be undertaken, and the Black Material would continue to remain covered with soil. The Black Material would still have the potential to produce soil gas, potentially could generate leachate over time, and potentially could cause future subsidence.

The remaining alternatives include stabilization of the Black Material (A-6 and A-7). Alternative A-6, which includes in-place treatment and off-site disposal, would provide the highest degree of long-term effectiveness and permanence. The treated Black Material would be transported from the NCOU to an off-site permitted landfill, eliminating any need for long-term maintenance or monitoring at the former Black Material Area.

Alternative A-7 includes in-place treatment and on-site containment of the Black Material at its present location at the Site. The long-term effectiveness and permanence of Alternative A-7 is considered to be less than that of Alternative A-6. The stabilized Black Material would require long-term monitoring and maintenance, though

stabilization would reduce the potential for soil gas or leachate to be produced. Alternative A-7 still may require removal of leachate periodically, and extraction or treatment of soil gas.

Short-Term Effectiveness

There would be no increase in potential short-term health risks if Alternative A-3 were implemented. Since no remedial actions would be undertaken with this alternative, the risk conclusions discussed in the BHRA would be unchanged.

The PHERA analyses indicate that the potential risks from Alternatives A-6 and A-7 would be insignificant. Appropriate control measures would be undertaken to reduce potential risks to workers and the community during in place mixing and treatment of Black Material. The soil mixing operation would use a vapor/dust hood to control the potential release of soil-gas emissions to ambient air. After treatment, the Black Material Area would remain covered with a vapor barrier to control emissions for the brief time until it was excavated or permanently contained. The proposed remedial activities would be performed in accordance with work plans approved by DTSC.

Reduction of Toxicity, Mobility, or Volume

Under Alternative A-3 (no remedial action), the toxicity, mobility, and volume of the Black Material would be expected to change very slowly over time, as the Black Material stabilizes through natural biological and chemical processes.

Implementation of Alternative A-6 would substantially reduce the potential toxicity and mobility of the Black Material through in place treatment. Afterwards, the treated Black Material would be excavated and transported to an approved off-site disposal facility.

Alternative A-7 would substantially reduce the potential toxicity and mobility of the Black Material to a similar degree as described for Alternative A-6. However, the treatment process would not reduce, but would increase, the volume of Black Material, which would be permanently contained on site.

Implementability

All of the Black Material alternatives are considered implementable. Alternative A-3 (No Remedial Action) would be readily implementable, since it does not require any remedial action.

Alternatives A-6 and A-7 could be implemented using commercially available materials, equipment, and construction methods. Since Alternatives A-6 and A-7 require special soil mixing equipment available through a limited number of contractors, these alternatives would require a longer lead time to implement, compared to more conventional construction work.

Additionally, Alternative A-6 includes removal of the stabilized Black Material, and replacement with clean imported fill. Although this alternative is fully implementable, it would require more site preparation, traffic controls, monitoring, and short-term access issues than the other alternatives for the Black Material Area. If a portable structure is erected over the excavation area, additional site preparation and planning would be necessary to implement Alternative A-6.

Cost

Alternative A-3 has a total estimated cost of \$0.15 million dollars (O&M cost only, as no capital costs would be required for this alternative). Alternative A-6 has a total estimated cost of \$2.2 million dollars (O&M cost of \$0.12 million and capital cost of \$2.08). Alternative A-7 has a total estimated cost of \$1.91 million dollars (O&M cost of \$0.39 million and capital cost of \$1.5 million dollars).

Regulatory Acceptance

Alternatives A-6 (treatment, removal, and offsite disposal) and A-7 (treatment only) are expected to be most acceptable.

Community Acceptance

Community comments received to date, including the City of Benicia Resolution 97-70, indicated a preference for Alternative A-6. The acceptance of this alternative will be further assessed following receipt of public comments on the RAP.

6.3.2 Blake Court Area

Overall Protection of Health and the Environment

All of the proposed alternatives for the Blake Court Area would satisfy the RAOs and would be protective of health and the environment. Alternatives B-3 and B-4 are in addition to RWQCB orders, which specify measures to protect the existing landfill soil cover and to reduce potential future exposures to Blake Court Refuse. These alternatives include the removal of refuse and fill with fragments of refuse from a portion of Parcel C-1, and hydraulic controls in the case of Alternative B-4. Alternative B-5 would be protective of health and the environment through removal of all refuse and fill with fragments of refuse from the Blake Court Area.

Compliance with ARARs

Alternative B-3 would be expected to comply with most ARARs identified for the Blake Court Area. As discussed in the FS/PHERA, water level measurements indicate that a small amount of refuse in the Blake Court Area may be in contact seasonally with subsurface water near the downslope edge of the landfill. This condition does not meet the RWQCB's Waste Discharge Requirements for the groundwater level to be below the landfill material. Alternative B-4 would address this condition by the installation of a subdrainage system below the landfill. Alternative B-5 would satisfy ARARs through the removal of Blake Court refuse and fill with fragments of refuse from a portion of Parcel C-1.

Long-Term Effectiveness and Permanence

While the refuse in the Blake Court Area has not affected groundwater quality, a potential for future leachate generation and effects on groundwater would remain under Alternatives B-3 and B-4. However, installation of the hydraulic controls (Alternative B-4) would reduce this potential. Alternative B-5 would provide a higher degree of long-term effectiveness and permanence for the refuse and fill with fragments of refuse in the Blake Court Area. Removal and off-site disposal would require no long-term maintenance or monitoring.

Short-Term Effectiveness

Alternative B-3 would have the least short-term effects, and minimal risks during implementation. This alternative would not disturb the closed landfill, minimizing potential exposure to hazardous substances. The short-term effects of Alternative B-5 would be greater than for Alternative B-3, because all of the refuse and fill with fragments of refuse in the Blake Court Area would be excavated, loaded, and transported to an off-site disposal facility. The potential risks involved with this construction work would be mitigated through controlled excavation, dust control measures, and standard worker health and safety procedures.

Reduction of Toxicity, Mobility, or Volume

All of the proposed alternatives (B-3, B-4, and B-5) include the removal of refuse and fill with fragments of refuse from a portion of Parcel C-1. This component will reduce the volume of refuse and fill with fragments of refuse from this portion of the NCOU.

Alternative B-4 would reduce potential mobility of hazardous substances by controlling contact with groundwater.

Implementation of Alternative B-5 would achieve the greatest reduction in potential mobility and volume by excavating all refuse and fill with fragments of refuse in the Blake Court Area, disposing of this material at an off-site landfill.

Implementability

All of the alternatives for the Blake Court Area are considered implementable. All alternatives could be implemented using commercially available materials, equipment, and construction methods. Alternative B-5 would require more site preparation, traffic controls, monitoring, and short-term access restrictions, compared to the other alternatives.

Cost

The three alternatives developed for the Blake Court Area have estimated costs of approximately \$0.5 million (Alternative B-3), \$0.7 million (Alternative B-4), and \$3.7 million (Alternative B-5). Alternatives B-3 and B-4 do not include any annual monitoring or reporting costs, because such costs are independently required by existing RWQCB order requirements. Alternative B-5 does not include any annual monitoring or reporting costs since all of the Blake Court Refuse would be removed from the NCOU under this alternative.

Regulatory Acceptance

The former landfill in the Blake Court Area was closed pursuant to Waste Discharge Requirements issued by the RWQCB. Although the BHRA and RI have not identified potentially significant health or environmental effects associated with this portion of the NCOU, Alternative B-3 may not be acceptable to the regulatory agencies, since it does not include any additional controls to limit the contact of groundwater with refuse. Alternatives B-4 and B-5 should be acceptable.

Community Acceptance

This RAP recommends Alternative B-5 as the preferred alternative for the Blake Court Area. This alternative is consistent with community comments received to date, including the City of Benicia Resolution 97-70, which indicated a preference for the removal of Blake Court Refuse. The acceptance of this alternative will be further assessed following receipt of public comments on the RAP.

6.3.3 Creek Bed/Hydrocarbon Area

Overall Protection of Health and the Environment

Alternative C-2 would be protective of health and the environment. Soil containing hydrocarbons and fill with fragments of refuse are inert. This material does not contain significant quantities of decomposable waste. While hydrocarbons are expected to degrade slowly over time, their breakdown will not cause any significant change in soil structure or volume over time. Therefore, hydrocarbons are considered inert with respect

to potential settlement of land in the Creek Bed/Hydrocarbon Area. The BHRA and PHERA conclude that the presence of soil containing hydrocarbons and fill with fragments of refuse do not present unacceptable health risks because concentrations are low and exposure pathways are incomplete. Sampling results for the Hydrocarbon Area indicate that the soils containing hydrocarbons are not acting as a source of hydrocarbons to groundwater. Alternative C-2 includes monitoring to confirm that health and the environment are protected.

Alternative C-4 would also be protective of health and the environment. Alternative C-4 would remove the soils containing hydrocarbons from the Hydrocarbon Area and would thus eliminate any potential for hydrocarbon to impact groundwater in the future.

Compliance with ARARs

Alternative C-2 does not include any remedial activity; therefore a low potential exists for hydrocarbons in soil to impact groundwater in the future. Alternative C-4 would remove the soil containing hydrocarbons and eliminate the potential for hydrocarbons to affect groundwater in the future. Creek Bed soils would remain in place under both Alternatives.

Long-Term Effectiveness and Permanence

Alternative C-2 is effective in the long-term because it would provide a means of monitoring the status of the subsurface and provide warning if hydrocarbons or Creek Bed soils begin to affect groundwater quality. Alternative C-4 would be permanent in that it would remove the soil containing hydrocarbons. Alternative C-4 would not have any effect on the Creek Bed soils.

Short-Term Effectiveness

Short-term effectiveness is provided by Alternative C-2 through the monitoring of the Creek Bed/ Hydrocarbon groundwater. Alternative C-4 would pose an increase in short-term risks to health and the environment due to the large scale excavation of the soils containing hydrocarbons. The short-term risks could be reduced by planning and by engineering measures

Reduction in Toxicity, Mobility, or Volume

With Alternative C-2 the toxicity, mobility, and volume of soil containing hydrocarbons would gradually be reduced through natural attenuation processes, especially by the microbial degradation of hydrocarbons to carbon dioxide and water. These hydrocarbons are relatively inert, are not a significant source of constituents to groundwater, and do not pose a significant health risk. Alternative C-4 would eliminate the toxicity, mobility, and volume of the hydrocarbon soils by physically removing this soil. The Creek Bed soils outside of the Hydrocarbon Area would be unaffected by Alternative C-4.

Implementability

Alternative C-2 would be readily implementable as it consists of monitoring and reporting activities only. Alternative C-4 would be a substantial and complex civil engineering operation due to the size, location and nature of the effort. Alternative C-4 requires substantial excavation and the removal and replacement of several houses and portions of Rose Drive. There would also be traffic impacts due to construction on Rose Drive. Alternative C-4 would therefore be substantially more difficult to implement.

Cost

Alternative C-2 would cost approximately \$0.13 million for 5 years of monitoring. Alternative C-4 would cost substantially more, on the order of \$22 million.

Regulatory Acceptance

Both Alternatives are expected to be acceptable to the regulatory agencies. However, Alternative C-4 would require substantially more regulatory participation and oversight.

Community Acceptance

The City of Benicia Resolution 97-70 indicated a preference for Alternative C-2, noting that removal of soil from this area would result in unacceptably large impacts to the community. Community acceptance will be further assessed following receipt of public comments on the RAP.

6.3.4 Tank Area

Overall Protection of Health and the Environment

Alternative D-3 provides protection of the health and the environment through monitoring to confirm that health and the environment are not adversely affected. Alternatives D-5 and D-6 would offer additional protection of health and the environment by attempting to remove the hydrocarbons from the bedrock in the Tank Area.

Compliance with ARARs

All three Alternatives are expected to comply with ARARs. However, since alternative D-3 includes only monitoring, there would be a slight potential for groundwater to be impacted by hydrocarbons in the future. In this event, there is a potential that alternative D-3 might not satisfy ARARs in the future.

Alternatives D-5 and D-6 attempt to remove the hydrocarbons and therefore have a greater potential for long-term compliance with ARARs.

Long-Term Effectiveness and Permanence

Alternative D-3 is expected to achieve long-term effectiveness and permanence. The effectiveness of this alternative would be confirmed through monitoring activities. Alternative D-3 would provide a warning if subsurface conditions change over time. Alternatives D-5 and D-6 would actively degrade or remove hydrocarbons in the subsurface, thus both also offer long-term effectiveness and permanence.

Short-Term Effectiveness

Short-term effectiveness is provided by Alternative D-3 through the monitoring of the groundwater. Alternatives D-5 and D-6 would pose an insignificant increase in short-term risks to health and the environment from the active remediation activities.

Reduction of Toxicity, Mobility, or Volume

With Alternative D-3 the toxicity, mobility, and volume of soil containing hydrocarbons in the Tank Area would gradually be reduced through natural attenuation processes. This process is not expected to significantly impact groundwater, and would not pose a significant health risk. Alternatives D-5 and D-6 would eliminate the toxicity, mobility, and volume of the soil containing hydrocarbons by using active remediation processes to remove them.

Implementability

Alternative D-3 would be readily implementable as it consists of monitoring and reporting activities. Alternatives D-5 and D-6 require careful design and operation of the active remediation, although, no major difficulties are expected to be encountered during the implementation of either alternative.

Cost

Alternative D-3 is estimated to cost \$0.07 million over a five-year period. Alternatives D-5 and D-6 are estimated to be more expensive, about \$0.32 million and \$0.37 million, respectively, over a similar five-year operational period.

Regulatory Acceptance

All three Alternatives are expected to be acceptable to regulatory agencies, although Alternative D-5 may involve closer oversight by the RWQCB because of the issue of injecting nutrients into the saturated zone.

Community Acceptance

The City of Benicia Resolution 97-70 indicated a preference for groundwater monitoring in the Tank Area (i.e., Alternative D-3), noting the impracticality of removing hydrocarbons from fractured bedrock. Community acceptance will be further assessed following receipt of public comments on the RAP.

RECOMMENDED REMEDIAL ALTERNATIVES

7.0

The following sections summarize the recommended alternatives for the Site, including the NCOU and SAOU.

7.1 Black Material Area

A total of eight alternatives (A-1 through A-8) were identified and screened as part of the FS/PHERA. These alternatives included no remedial action, institutional controls, monitoring, and various technologies to contain, treat, or remove the Black Material.

Alternative A-6 is the preferred alternative for the Black Material Area, and satisfies the evaluation criteria. With this alternative, the Black Material would be treated in place to reduce potential odors and soil-gas emissions, and to improve handling characteristics. The approximate limits of Black Material treatment are shown in Figure 11. This alternative would involve initial extraction and treatment of soil gas followed by mixing Portland cement and other components with the Black Material using large-diameter mixing augers. Potential emissions generated during the mixing process would be collected within a hood placed over the soil-mixing auger as it is rotated. The soil gas would be treated to meet applicable discharge requirements using a thermal oxidation unit and other emission control devices. After the Black Material is stabilized, it would be excavated and transported to an approved off-site disposal facility. Afterwards, the excavation area would be backfilled and restored to its original surface elevation. Alternative A-6 is expected to meet ARARs and other criteria specified by the U.S. EPA and DTSC.

7.2 Blake Court Area

A total of five alternatives (B-1 through B-5) were identified and screened for the Blake Court Area. These alternatives included no remedial action and technologies to remove the refuse and fill with fragments of refuse from the Blake Court Area.

Alternative B-5 is the preferred alternative for the Blake Court Area, and satisfies the evaluation criteria. For Alternative B-5, refuse and fill with fragments of refuse would be removed from a portion of Parcel C-1 and all of Blake Court. The approximate limits of Blake Court Refuse and fill with fragments of refuse are shown in Figure 15. After

excavation, this material would be transported to an approved facility for disposal. The resulting excavation areas would be backfilled with clean fill.

7.3 Creek Bed/Hydrocarbon Area

A total of five alternatives were screened and evaluated for the Creek Bed/Hydrocarbon Area. Alternative C-2 is the preferred alternative for the Creek Bed/Hydrocarbon Area. This alternative consists of monitoring soil gas and groundwater in the vicinity of the Creek Bed/Hydrocarbon Area for five years. No remedial activities are included in Alternative C-2. Should future monitoring data indicate increased concentrations in groundwater which pose a potential risk to health or the environment, then remedial alternatives would be considered for this portion of the Site. This alternative meets all of the evaluation criteria and is most cost effective of the alternatives considered.

7.4 Tank Area

A total of five alternatives were screened and evaluated for the Tank Area.

Alternative D-3 is the preferred alternative for the Tank Area. This alternative includes continued monitoring of groundwater in the Tank Area for five years. No remedial activities are included in Alternative D-3. This alternative meets all of the evaluation criteria. With Alternative D-3, should future monitoring data indicate increased concentrations in groundwater which pose a potential risk to health or the environment, then remedial alternatives will be considered for this portion of the NCOU.

7.5 Study Area Operable Unit

The PEA results showed that waste management practices have not resulted in a release or threatened release of hazardous substances that pose a threat to public health or the environment. Except for the activities noted below, no further actions are proposed to be undertaken with regard to the SAOU. Granite will work with the appropriate governmental agencies with regard to further investigation of the former underground fuel tank location discussed in Section 1.2.2.2. Granite also plans to install a multi-completion gas well at or near the boring location where an elevated methane concentration was previously detected, in order to further monitor this area of the SAOU.

8.0

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TABLE 1

MAXIMUM BACKGROUND, SITE-SPECIFIC PEA SSV, TTLC, AND
STLC CONCENTRATIONS FOR CCR TITLE 22 METALS
NCOU, BENICIA, CALIFORNIA

	Sb	As	Ba	Be	Cd	Cr*	Co	Cu*	Pb*	Hg	Mo	Ni	Se	Ag	Tl	Va	Zn*
Maximum Background Concentration (mg/kg)	1	12.4	210j	1.07	2.4	75.1	20.6	92	250	0.7	<3.75	83	2	1.4	40	110	140
PEA SSV (mg/kg)	28.4	0.304(180) ^(e)	2,350	0.0810(360) ^(e)	8.9	78,000	2,890	2,640	130 ^(e)	2,700	355	148	355	355	N/A	500	21,300
TTLC (mg/kg)	500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC (mg/l)	15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Compound Abbreviations

Sb - antimony	
As - arsenic	
Ba - barium	
be - beryllium	
Cd - cadmium	
Cr - chromium	
Co - cobalt	Se - selenium
Cu - copper	Ag - silver
Pb - lead	Tl - thallium
Hg - mercury	Va - vanadium
Mo - molybdenum	Zn - zinc
Ni - nickel	

Notes

j - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
mg/kg - milligrams per kilogram
mg/l - milligrams per liter

N/A - not available

STLC - soluble threshold limit concentration

TTL - total threshold limit concentration

CCR Title 22 metals analyzed by EPA Method 6010/7000 series

Maximum background concentration obtained from the following:

background soil samples SS-A1-01, SS-C1-01, and SS-C1-02 collected on October 1991;

background soil samples B1(0) and B1(5.5) collected on November 9, 1992;

background soil samples BG2, BG3, BG4 (Dup), and BG5 collected on January 12, 1993;

background soil samples FE13(0.5), FE13(1), FE14(0.5), FE14(1) collected on March 24, 1994 and

background soil samples BG6(2.5), BG7(2.5), BG8(1.5), BG9(2.5), and BG10(2.5) collected on July 23-24, 1996.

* The new background criteria established in February 1997 (from samples collected from ONC locations) yields the following NCOU background concentrations (see Section 3.3.3.1):

Chromium - 102.7 mg/kg, copper - 119.3 mg/kg, lead - 49.1 mg/kg, and zinc - 147.9 mg/kg.

PEA SSV - Preliminary Endangerment Assessment Soil Screening Value

PEA SSV's were evaluated for compounds detected in soils at depths shallower than 12 feet below the ground surface in Area 1, Area 2, and Area 3/4, in
Chel

TTL and STLC values are regulatory levels set in the Califor

toxicity exhibited by the sampled medium for waste disposal purposes.

(a) The PEA SSV of 180 mg/kg is an alternate value based on a non carcinogenic evaluation.

(b) The PEA SSV of 360 mg/kg is an alternate value based on a non carcinogenic evaluation.

(c) California modified PRG.

TABLE 2

**PRELIMINARY ENDANGERMENT ASSESSMENT SOIL SCREENING VALUES AND
PRELIMINARY REMEDIATION GOALS FOR RESIDENTIAL SOIL OF ORGANIC COMPOUNDS DETECTED
NCOU, BENICIA, CALIFORNIA**

CONSTITUENTS	PEA SSV (mg/kg)	PRG (mg/kg)	PRG Endpoint Criteria
Volatile Organics			
4-Methyl-2-Pentanone	234,000	770	nc
Acetone	3,900	2100	nc
Chloroform	—	0.25	ca
Ethylbenzene	—	230	sat
Methyl Ethyl Ketone	23,400	7,100	nc
Methylene Chloride	20.5	7.8	ca
Styrene	7,810	680	sat
Toluene	23,000	790	nc
Xylenes, total	78,000	320	sat
Semivolatile Organics			
1,2-Dichlorobenzene	—	700	sat
2,4,5-Trichlorophenol	3,900	6,500	nc
Acenaphthene	—	110	sat
Anthracene	—	5.7	sat
Benzo(a)anthracene	—	0.61	ca
Benzo(a)pyrene	0.0313	0.061	ca
Benzo(b)fluoranthene	—	61	ca
Benzo(g,h,i)perylene	—	—	—
Benzoic Acid	156,000	100,000	max
Benzyl Alcohol	11,700	20,000	nc
Bis(2-ethylhexyl) Phthalate	21.0	32	ca
Butylbenzyl Phthalate	—	930	sat
Chrysene	54.7	6.1	Cal-modified
Di-n-butyl Phthalate	3,900	6,500	nc
Di-n-octyl Phthalate	781	1,300	nc
Dibenzo(a,h)anthracene	—	0.061	ca
Dibenzofuran	—	140	sat
Diethyl Phthalate	31,000	52,000	nc
Fluoranthene	1,250	2,600	nc
Fluorene	16.0	90	sat
Naphthalene	—	240	sat
Pentachlorophenol	—	2.5	ca
Phenanthrene	—	—	—
Phenol	23,400	39,000	nc
Pyrene	—	100	sat
o-Methylphenol	1,950	3,300	nc
p-Cresol	195	330	nc

TABLE 2

**PRELIMINARY ENDANGERMENT ASSESSMENT SOIL SCREENING VALUES AND
PRELIMINARY REMEDIATION GOALS FOR RESIDENTIAL SOIL OF ORGANIC COMPOUNDS DETECTED
NCOU, BENICIA, CALIFORNIA**

CONSTITUENTS	PEA SSV (mg/kg)	PRG (mg/kg)	PRG Endpoint Criteria
OCP/PCBs			
2,4'-DDD	—	1.9	ca
4,4'-DDD	—	1.9	ca
2,4'-DDE	—	1.3	ca
4,4'-DDE	1.17	1.3	ca
2,4'-DDT	—	1.3	ca
4,4'-DDT	—	1.3	ca
Aldrin	—	0.026	ca
Dieldrin	—	0.028	ca
Endosulfan II	—	390	nc
Heptachlor	—	0.099	ca
Aroclor 1242	—	0.066	ca
Aroclor 1248	—	0.066	ca
Aroclor 1254	—	0.066	ca
Aroclor 1260	—	0.066	ca
Chlordane	0.332	0.34	ca
alpha-Chlordane	—	0.34	ca
gamma-Chlordane	—	0.34	ca
Other Organics			
Hydrocarbons (IR)	—	--	—
Oil & Grease	—	—	—
Oil & Grease (IR)	—	—	—
Total Organic Carbon	—	--	—
TPH	—	—	—
TPH as Diesel	—	--	—
TPH as Gasoline	—	--	—
TPH as Oil	—	--	—
Dioxins and Furans			
1,2,3,4,6,7,8-HpCDD	—	--	—
1,2,3,4,6,7,8-HpCDF	—	--	—
1,2,3,4,7,8,9-HpCDF	—	--	—
1,2,3,4,7,8-HxCDD	—	--	—
1,2,3,4,7,8-HxCDF	—	--	—
1,2,3,6,7,8-HxCDD	—	--	—
1,2,3,6,7,8-HxCDF	—	--	—
1,2,3,7,8,9-HxCDD	—	--	—
1,2,3,7,8,9-HxCDF	—	--	—
1,2,3,7,8-PeCDD	—	--	—
1,2,3,7,8-PeCDF	—	--	—
2,3,4,6,7,8-HxCDF	—	--	—
2,3,4,7,8-PeCDF	—	--	—
2,3,7,8-TCDD	—	0.0000038	ca
2,3,7,8-TCDF	—	--	—

TABLE 2

PRELIMINARY ENDANGERMENT ASSESSMENT SOIL SCREENING VALUES AND PRELIMINARY REMEDIATION GOALS FOR RESIDENTIAL SOIL OF ORGANIC COMPOUNDS DETECTED NCOU, BENICIA, CALIFORNIA

CONSTITUENTS	PEA SSV (mg/kg)	PRG (mg/kg)	PRG Endpoint Criteria
OCDD	---	--	---
OCDF	---	--	---
Total HpCDD	---	--	---
Total HpCDF	---	--	---
Total HxCDD	---	--	---
Total HxCDF	---	--	---
Total PeCDD	---	--	---
Total PeCDF	---	--	---
Total TCDD	---	--	---
Total TCDF	---	--	---

NOTES:

ca - carcinogenic endpoint

IR - infrared radiation

max - non-risk based "ceiling limit" concentration

mg/kg - milligrams/kilograms (equivalent to parts per million)

nc - noncarcinogenic endpoint

NCOU - North Canyon Operable Unit

PEA SSV - Preliminary Endangerment Assessment Soil Screening Value

pg/g - picograms/gram (equivalent to parts per trillion)

PRG - Preliminary remediation goal, U.S. EPA Region IX, August 1, 1996

sat - soil saturation level

--- - not applicable

-- - none available

Cal-modified - California Modified PRG

PEA SSVs were evaluated for compounds detected in soils at depths shallower than 12 feet below the ground surface in Area 1, Area 2, and Area 3/4, in ChemRisk's October 23, 1996 Draft Baseline Health Risk Assessment, North Canyon Operable Unit, Former Solano County Sanitary Landfill, Benicia, California

Compound Abbreviations:

DDD - dichlorodiphenyl dichloroethane

DDE - dichlorodiphenyl dichloroethylene

DDT - dichlorodiphenyl trichloroethane

TCDD - tetrachloro-dibenzo-p-dioxin

PeCDD - pentachloro-dibenzo-p-dioxin

HxCDD - hexachloro-dibenzo-p-dioxin

hpCDD - heptachloro-dibenzo-p-dioxin

OCDD - octachloro-dibenzo-p-dioxin

TCDF - tetrachloro-dibenzofuran

PeCDF - pentachloro-dibenzofuran

HxCDF - hexachloro-dibenzofuran

HpCDF - heptachloro-dibenzofuran

OCDF - octachloro-dibenzofuran

TABLE 3

REMEDIAL ACTION OBJECTIVES FOR SOIL (0 TO 12.5 FEET BGS)
(milligrams per liter)

CHEMICAL	RAO ⁽¹⁾ (mg/kg)	NCOU SUBAREA (mg/kg)							
		Black Material Area		Blake Court Area		Creek Bed/Hydrocarbon Area		Tank Area	
		Max. Conc. ⁽²⁾	Max.>RAO	Max. Conc. ⁽²⁾	Max.>RAO	Max. Conc. ⁽²⁾	Max.>RAO	Max. Conc. ⁽²⁾	Max.>RAO
Antimony	28.4	7	No	ND	No	ND	No	NA	-
Barium	2,350	1,900	No	828	No	230	No	NA	-
Cadmium	8.9	6.4	No	9.74	Yes	3.91	No	NA	-
Chromium	78,100	15,000	No	502	No	82.4	No	NA	-
Copper	2,640	1,700	No	7,590	Yes	82	No	NA	-
Lead	130	2,900	Yes	1,650	Yes	18	No	16	No
Nickel	148	280	Yes	180	Yes	74.2	No	59	No
Zinc	21,300	6,300	No	6,490	No	94.1	No	73	No
p-Cresol	195	66	No	ND	No	ND	No	NA	-
Pentachlorophenol	16.1	20	Yes	ND	No	ND	No	NA	-
2,3,7,8,-TCDD (TEQ)	0.001	0.0017	Yes	0.000013	No	0.000043	No	NA	-

Notes

bgs - below ground surface

ND - not detected

NA - not analyzed

TEQ - toxicity equivalent units

(1) RAOs are equivalent to site specific soil screening values developed in the BHRA (ChemRisk, 1997).

(2) Average concentrations of these chemicals generally are much lower than the maximum detected values.

The maximum detected values thus provide a very conservative indicator of conditions which could require remedial actions.

TABLE 4
REMEDIAL ACTION OBJECTIVES FOR GROUNDWATER
(milligrams per liter)

CHEMICAL	RAO ^(a)	MAXIMUM NCOU CONCENTRATION ^(b)	MAXIMUM > RAO
Antimony	0.006	0.007	Yes (c)
Arsenic	0.05	0.014	No
Barium	1	0.93	No
Cadmium	0.005	ND	No
Chromium	0.05	0.049	No
Copper	1.3	0.007	No
Lead	0.015	0.003	No
Nickel	0.1	0.069	No
Zinc	5(d)	0.05	No
p-Cresol	(e)	ND	No
Pentachlorophenol	0.001	ND	No
2,3,7,8,-TCDD (TEQ)	3×10^{-8}	NA	No

Notes

RAO - Remedial Action Objective

ND - not detected

NA - not analyzed

TEQ - toxicity equivalent units

(a) RAOs are equivalent to drinking water maximum contaminant levels (MCLs).

(b) Average concentrations of these chemicals generally are much lower than the maximum detected values.

The maximum detected values thus provide a very conservative indicator of conditions which could require remedial actions.

(c) Maximum antimony concentration for NCOU groundwater samples was less than that for background groundwater samples.

(d) No primary MCL exists for Zinc. RAO is a secondary MCL.

(e) No primary or secondary MCL developed for p-Cresol.

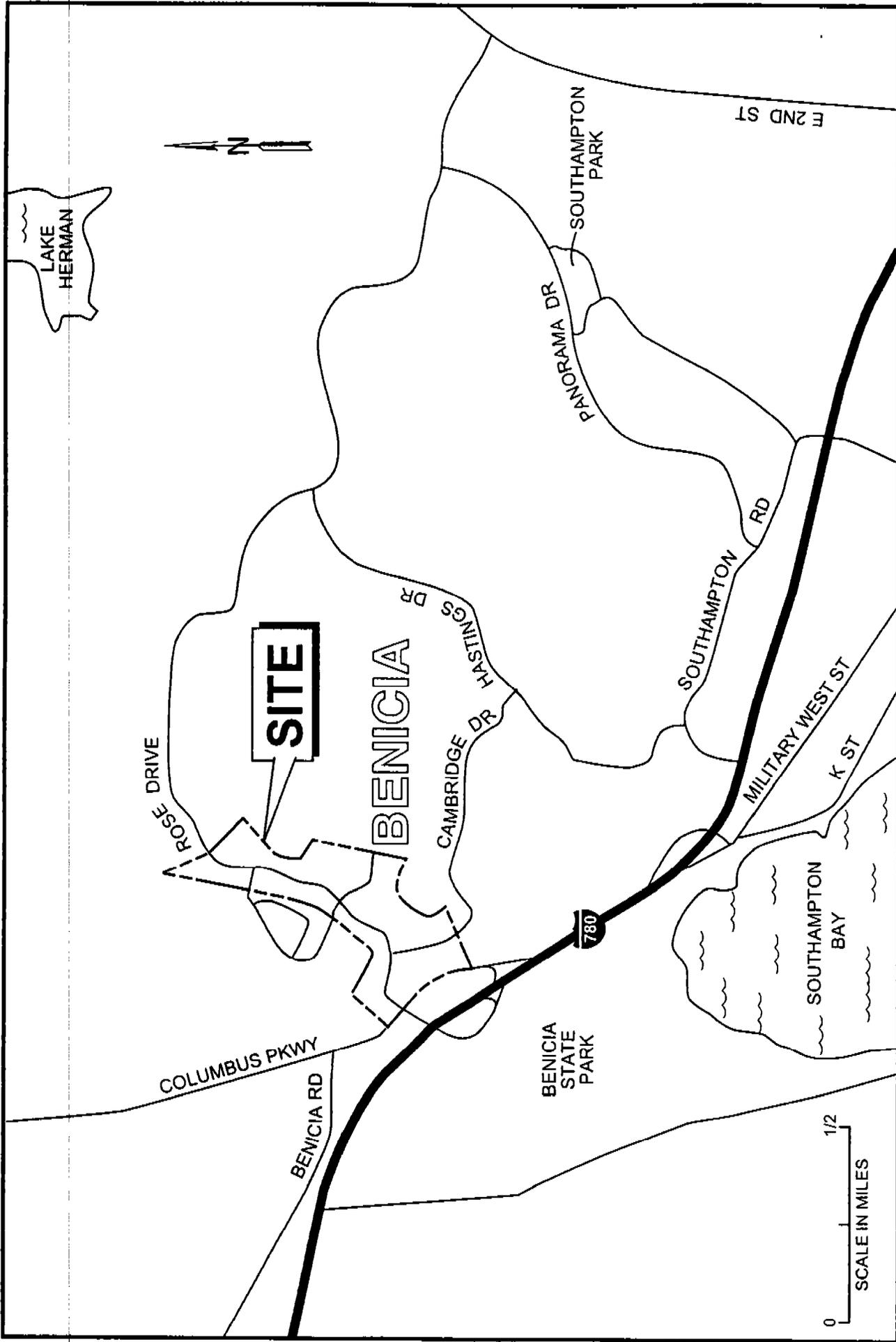
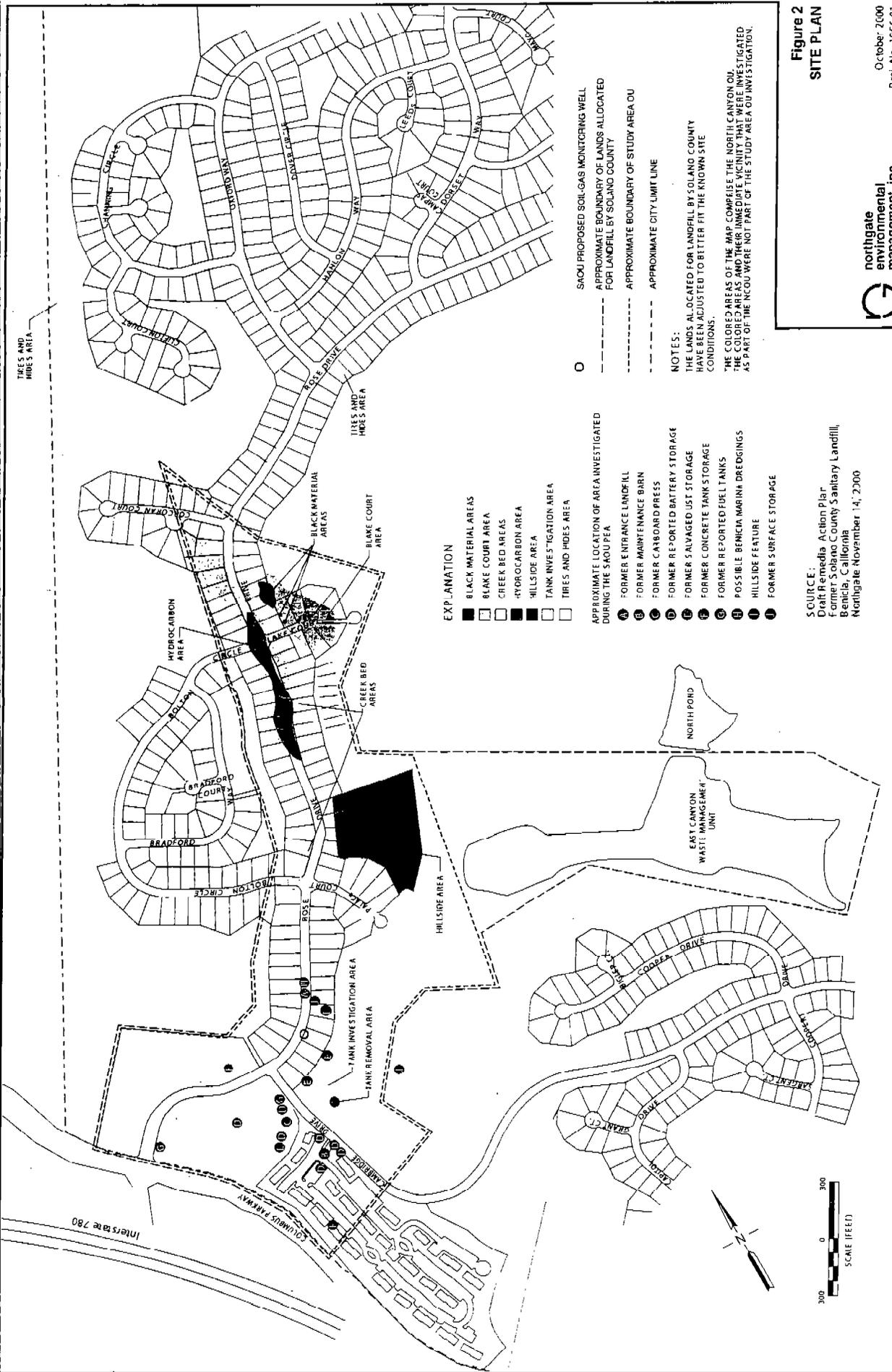


Figure 1
SITE LOCATION

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EXPLANATION

- BLACK MATERIAL AREAS
- BLAKE COURT AREA
- ▨ CREEK BED AREAS
- ▧ HYDROCARBON AREA
- ▩ HILLSIDE AREA
- TANK INVESTIGATION AREA
- TIRES AND HOES AREA

APPROXIMATE LOCATION OF AREA INVESTIGATED DURING THE SAOU PEA

- A FORMER ENTRANCE LANDFILL
- B FORMER MAINTENANCE BARN
- C FORMER CARBOARD PRESS
- D FORMER RE-PORTED BATTERY STORAGE
- E FORMER 5 ALVAGED JST STORAGE
- F FORMER CONCRETE TANK STORAGE
- G FORMER RE-PORTED FUEL TANKS
- H POSSIBLE BENICHA MARINA DREDGINGS
- I HILLSIDE FEATURE
- J FORMER SURFACE STORAGE

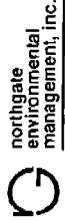
- O SAOU PROPOSED SOIL-GAS MONITORING WELL
- - - - - APPROXIMATE BOUNDARY OF LANDS ALLOCATED FOR LANDFILL BY SOLANO COUNTY
- - - - - APPROXIMATE BOUNDARY OF STUDY AREA DU
- - - - - APPROXIMATE CITY LIMIT LINE

NOTES:
 THE LANDS ALLOCATED FOR LANDFILL BY SOLANO COUNTY HAVE BEEN ADJUSTED TO BETTER FIT THE KNOWN SITE CONDITIONS.
 THE COLORED AREAS OF THE MAP COMPLETE THE NORTH CANYON OF THE COLORED AREAS AND THEIR INVESTIGATION AS PART OF THE SAOU WERE NOT PART OF THE STUDY AREA DU INVESTIGATION.

SOURCE:
 Draft Remedial Action Plan
 Former Solano County Sanitary Landfill,
 Benicia, California
 Northgate November 14, 2000



**Figure 2
 SITE PLAN**



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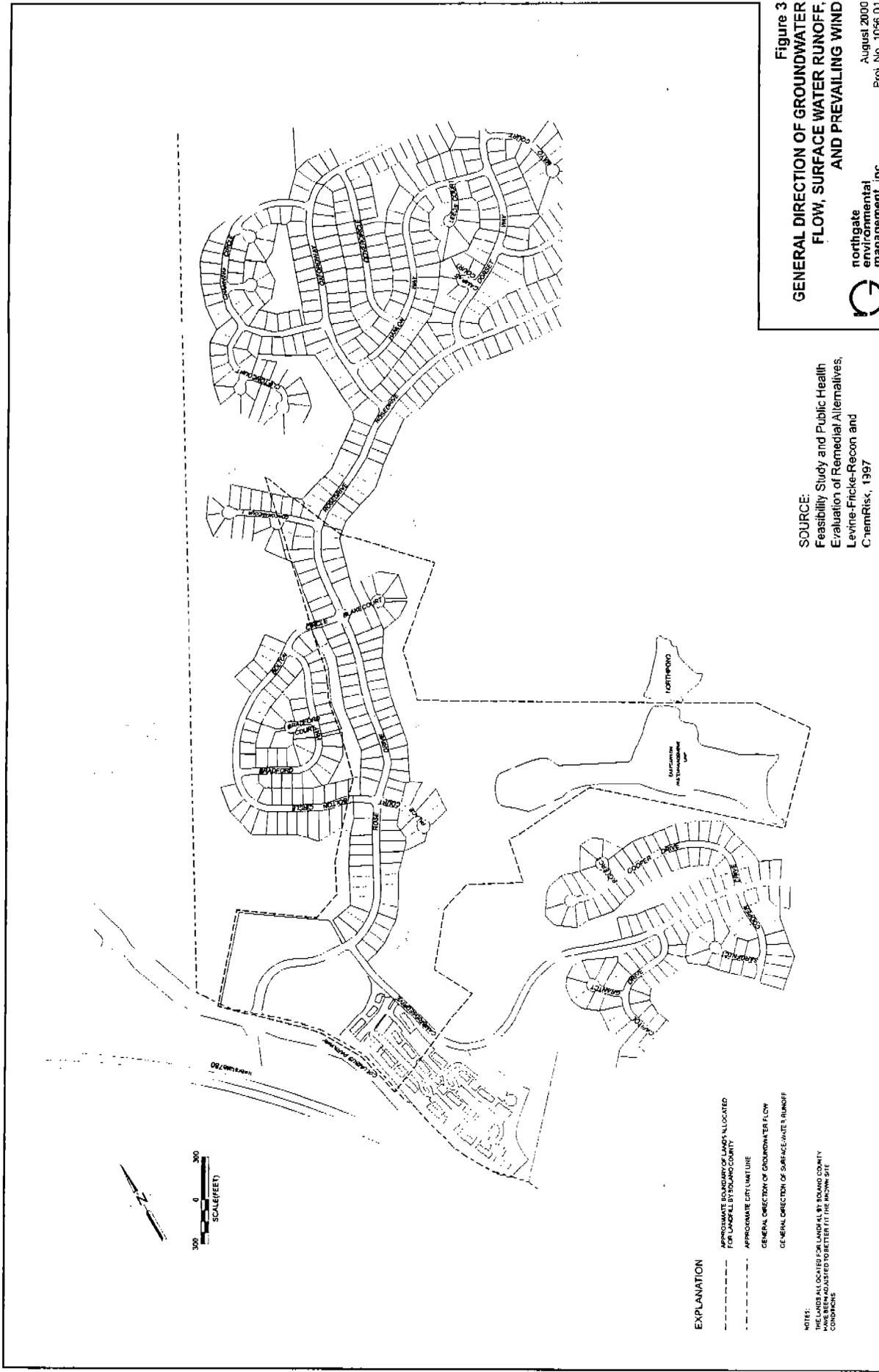


Figure 3
GENERAL DIRECTION OF GROUNDWATER
FLOW, SURFACE WATER RUNOFF,
AND PREVAILING WIND

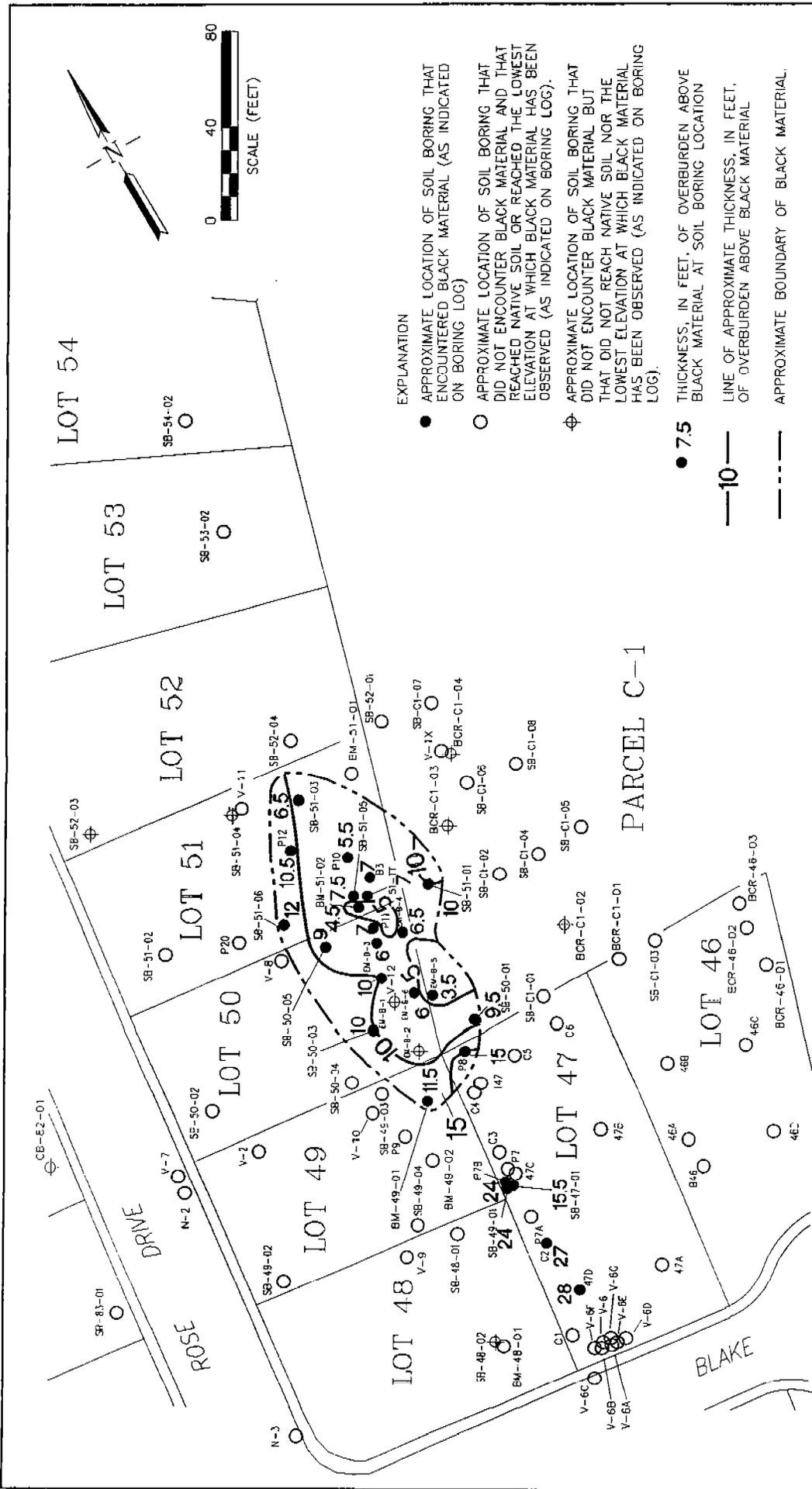
northgate
 environmental
 management, inc.
 August, 2000
 Proj. No. 10565.01

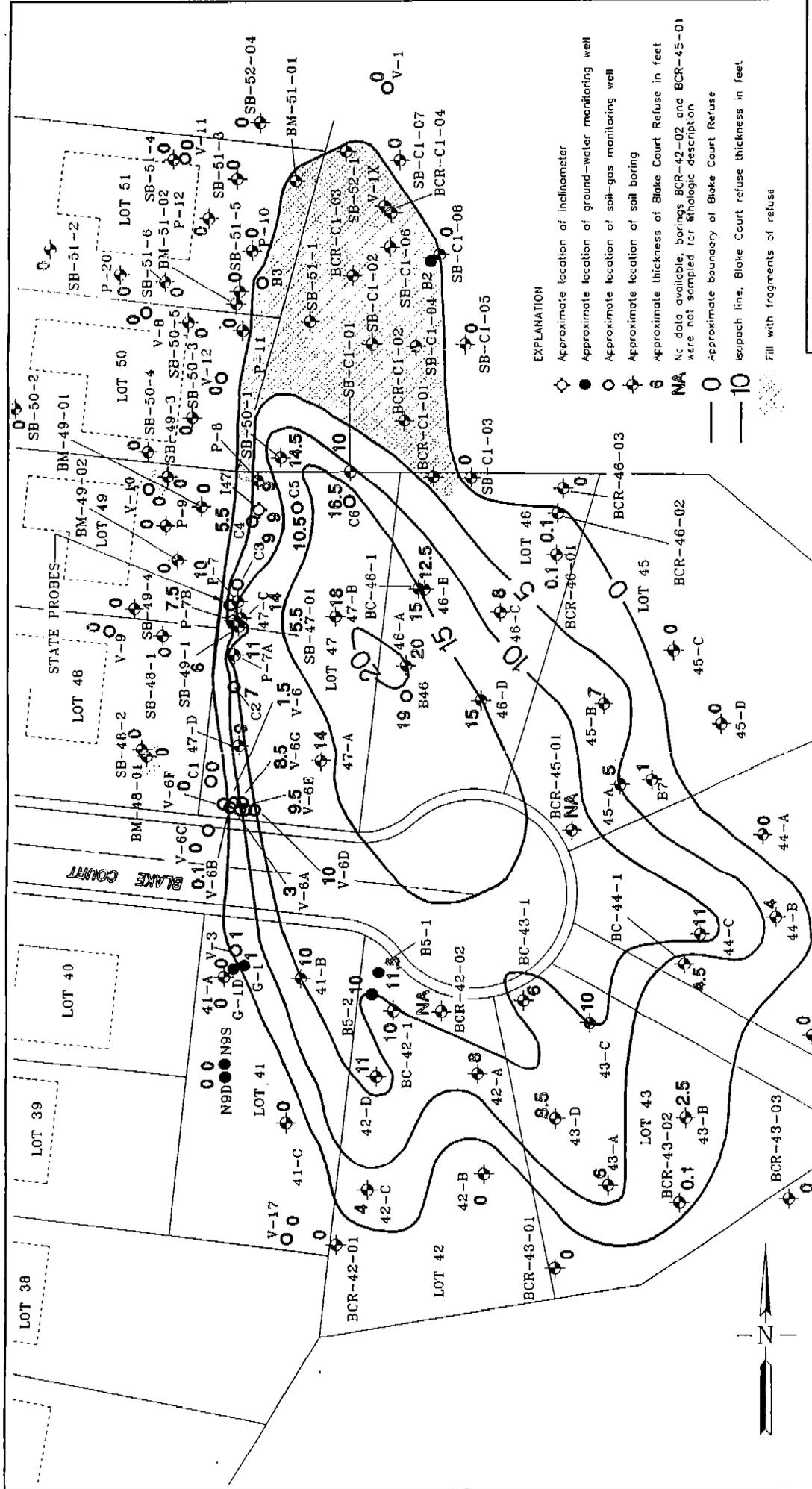
SOURCE:
 Feasibility Study and Public Health
 Evaluation of Remedial Alternatives,
 Levine-Fricke-Recon and
 ChemRisk, 1997

EXPLANATION

- APPROXIMATE BOUNDARY OF LANDS ALLOCATED FOR LANDFILL BY POLK COUNTY
- APPROXIMATE CITY LIMIT LINE
- GENERAL DIRECTION OF GROUNDWATER FLOW
- GENERAL DIRECTION OF SURFACE WATER RUNOFF

NOTES:
 THE LANDS ALLOCATED FOR LANDFILL BY POLK COUNTY WERE BEING ADJUSTED TO BETTER FIT THE INDOWN SITE CONTOURS



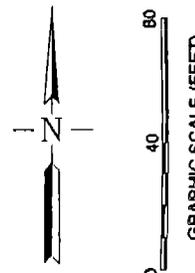


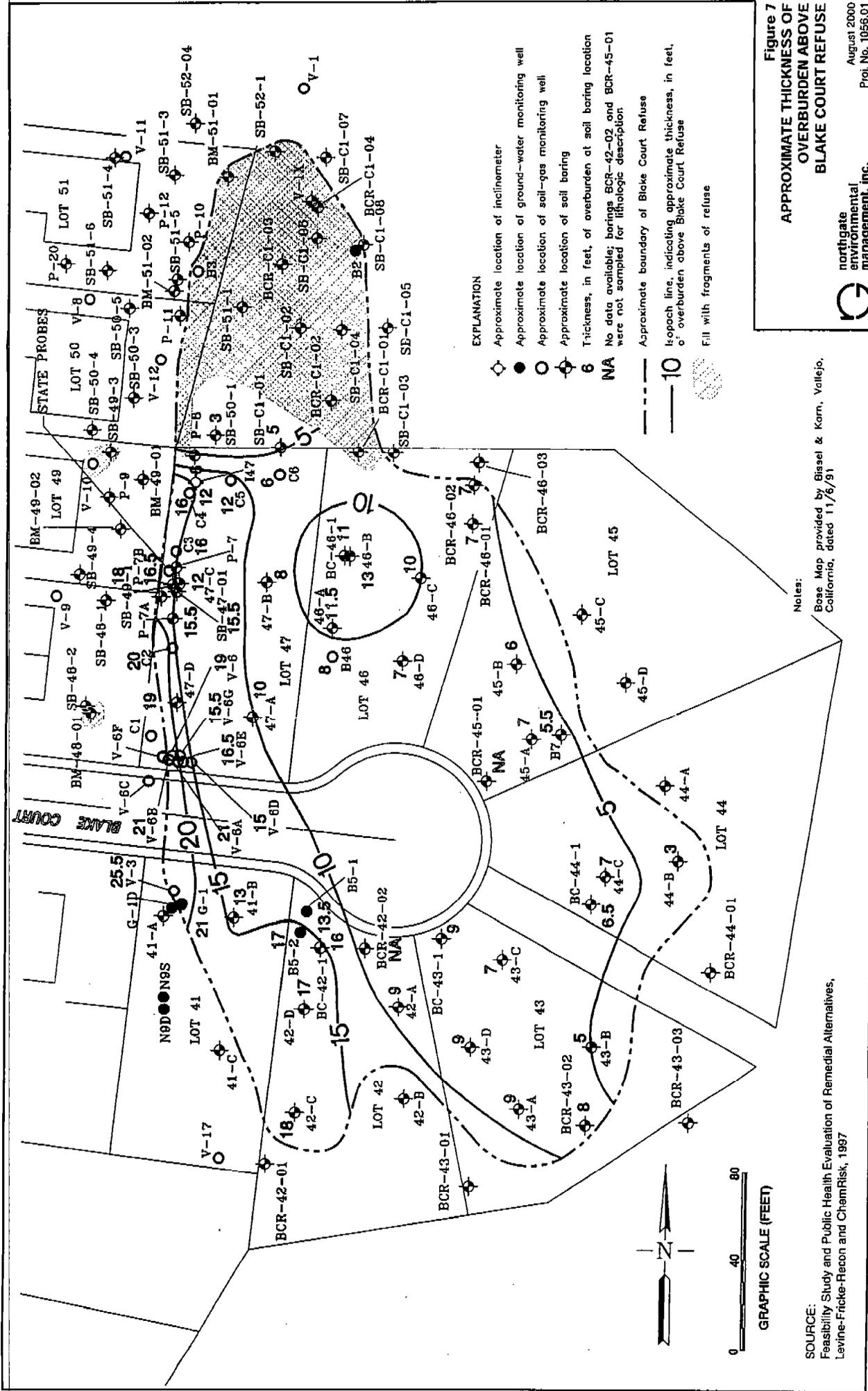
- EXPLANATION**
- ◇ Approximate location of inclinometer
 - Approximate location of ground-water monitoring well
 - Approximate location of soil-gas monitoring well
 - ⊕ Approximate location of soil boring
 - 6 Approximate thickness of Blake Court Refuse in feet
 - NA No data available; borings BCR-42-02 and BCR-45-01 were not sampled for lithologic description
 - Approximate boundary of Blake Court Refuse
 - 10 Isopach line, Blake Court refuse thickness in feet
 - ▨ Fill with fragments of refuse

Figure 6
APPROXIMATE THICKNESS AND EXTENT
OF BLAKE COURT REFUSE

SOURCE:
 Feasibility Study and Public Health
 Evaluation of Remedial Alternatives,
 Levine-Fricke-Recon and
 ChemRisk, 1997

Notes:
 Base Vec provided by Bissel & Carn, Vallejo,
 California, dated 11/6/91

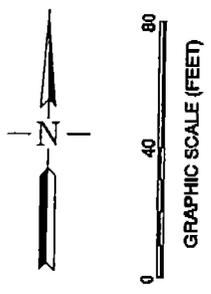




EXPLANATION

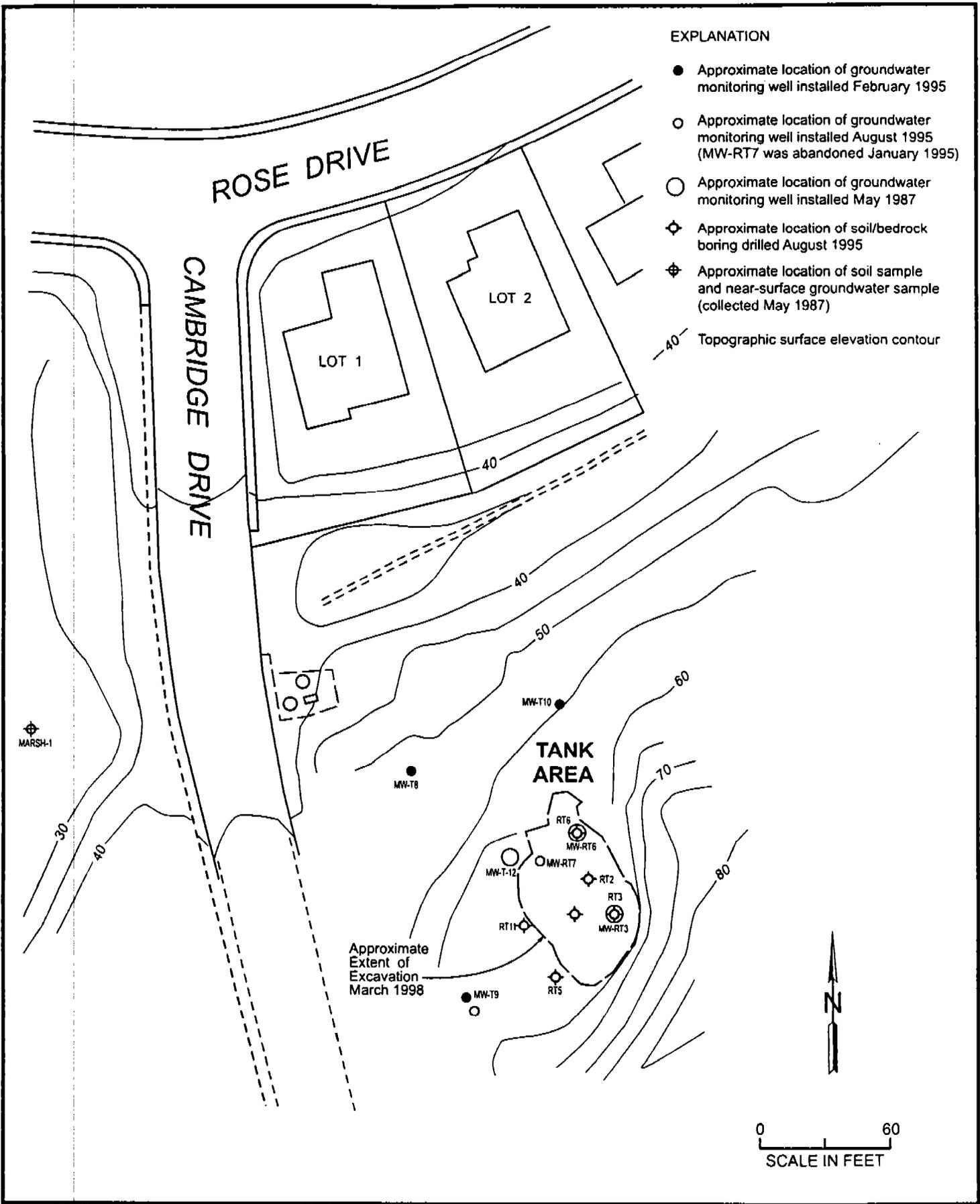
- Approximate location of inclinometer
- Approximate location of ground-water monitoring well
- Approximate location of soil-gas monitoring well
- ⊕ Approximate location of soil boring
- 6 Thickness, in feet, of overburden at soil boring location
- NA No data available; borings BCR-42-02 and BCR-45-01 were not sampled for lithologic description
- - - Approximate boundary of Blake Court Refuse
- 10 Isopach line, indicating approximate thickness, in feet, of overburden above Blake Court Refuse
- ▨ Fill with fragments of refuse

Notes:
 Base Map provided by Basel & Korn, Vallejo, California, dated 11/6/91



SOURCE:
 Feasibility Study and Public Health Evaluation of Remedial Alternatives,
 Levine-Fricke-Recon and ChemRisk, 1997

Figure 7
APPROXIMATE THICKNESS OF OVERBURDEN ABOVE BLAKE COURT REFUSE
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 Proj. No. 1056.01



EXPLANATION

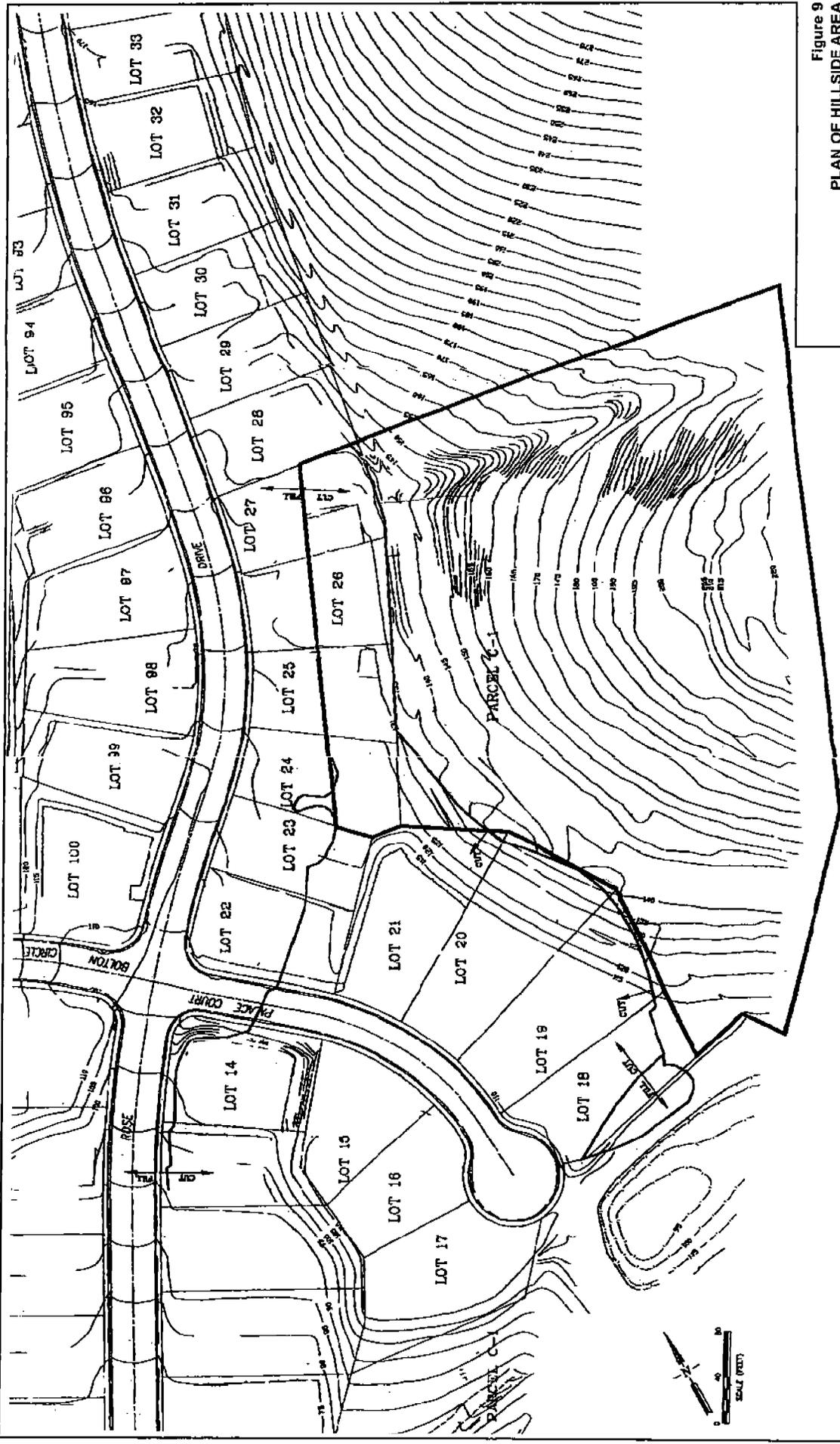
- Approximate location of groundwater monitoring well installed February 1995
- Approximate location of groundwater monitoring well installed August 1995 (MW-RT7 was abandoned January 1995)
- Approximate location of groundwater monitoring well installed May 1987
- ◇ Approximate location of soil/bedrock boring drilled August 1995
- ⊕ Approximate location of soil sample and near-surface groundwater sample (collected May 1987)
- 40- Topographic surface elevation contour



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**Figure 8
PLAN OF TANK AREA**

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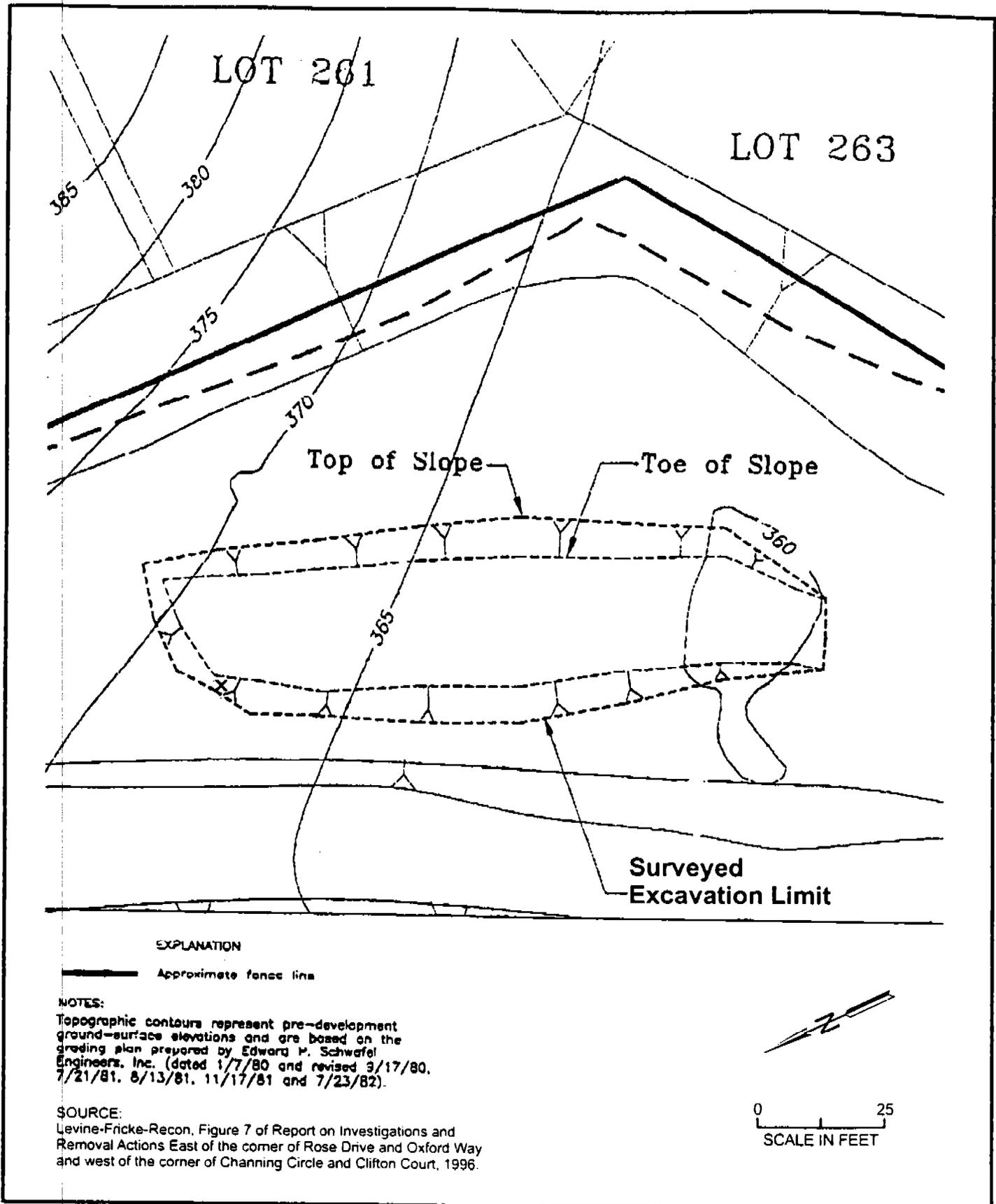
SOURCE:
 Levine-Fricke, Figure 1. Work Plan for Additional Surface
 and Subsurface Investigation of the Hillside Area, 1996.



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Figure 9
 PLAN OF HILLSIDE AREA



EXPLANATION

— Approximate fence line

NOTES:

Topographic contours represent pre-development ground-surface elevations and are based on the grading plan prepared by Edward M. Schwafel Engineers, Inc. (dated 1/7/80 and revised 3/17/80, 7/21/81, 8/13/81, 11/17/81 and 7/23/82).

SOURCE:

Levine-Fricke-Recon, Figure 7 of Report on Investigations and Removal Actions East of the corner of Rose Drive and Oxford Way and west of the corner of Channing Circle and Clifton Court, 1996.

0 25
SCALE IN FEET



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**Figure 10
PLAN OF TIRES AND HIDES AREA**

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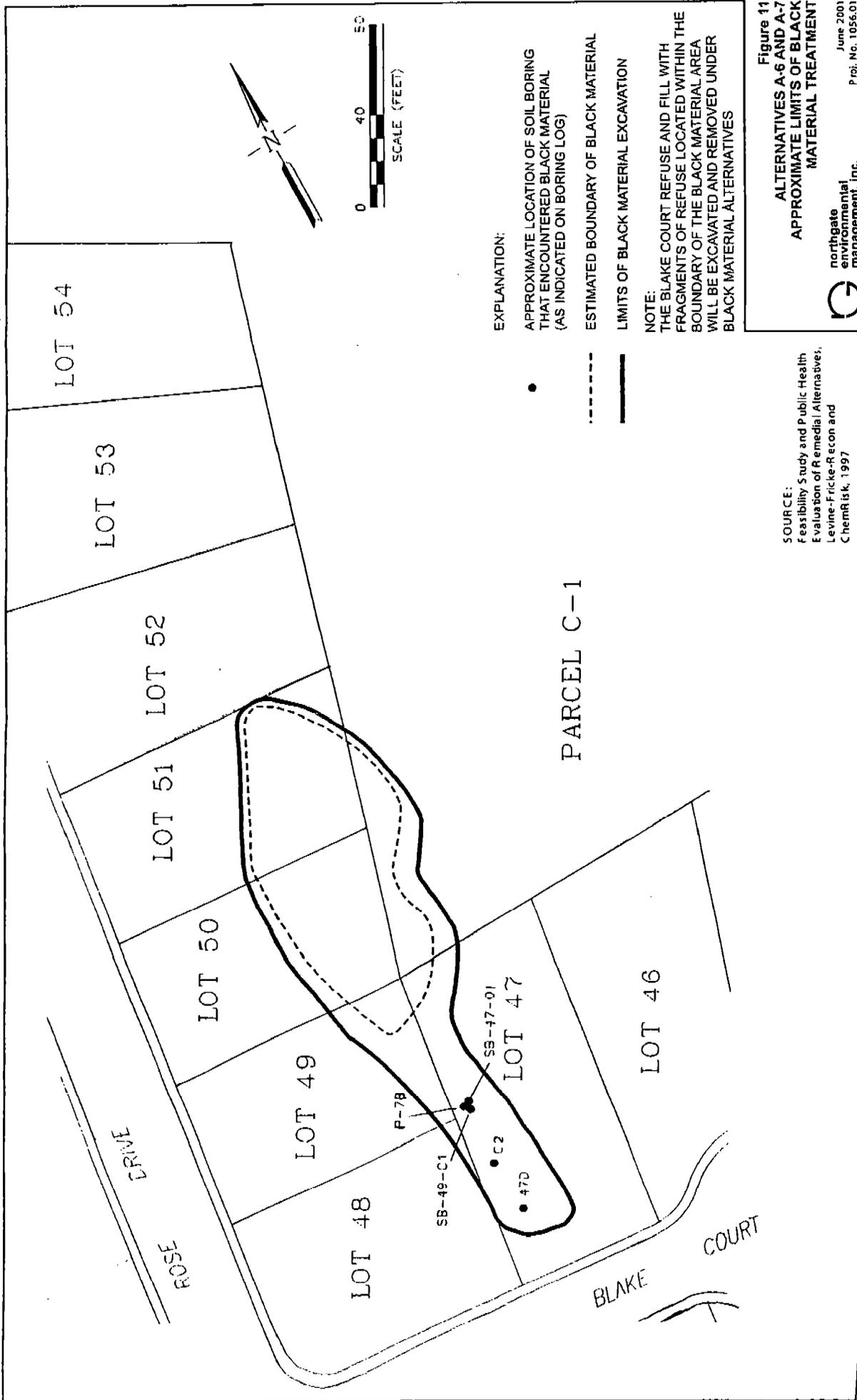


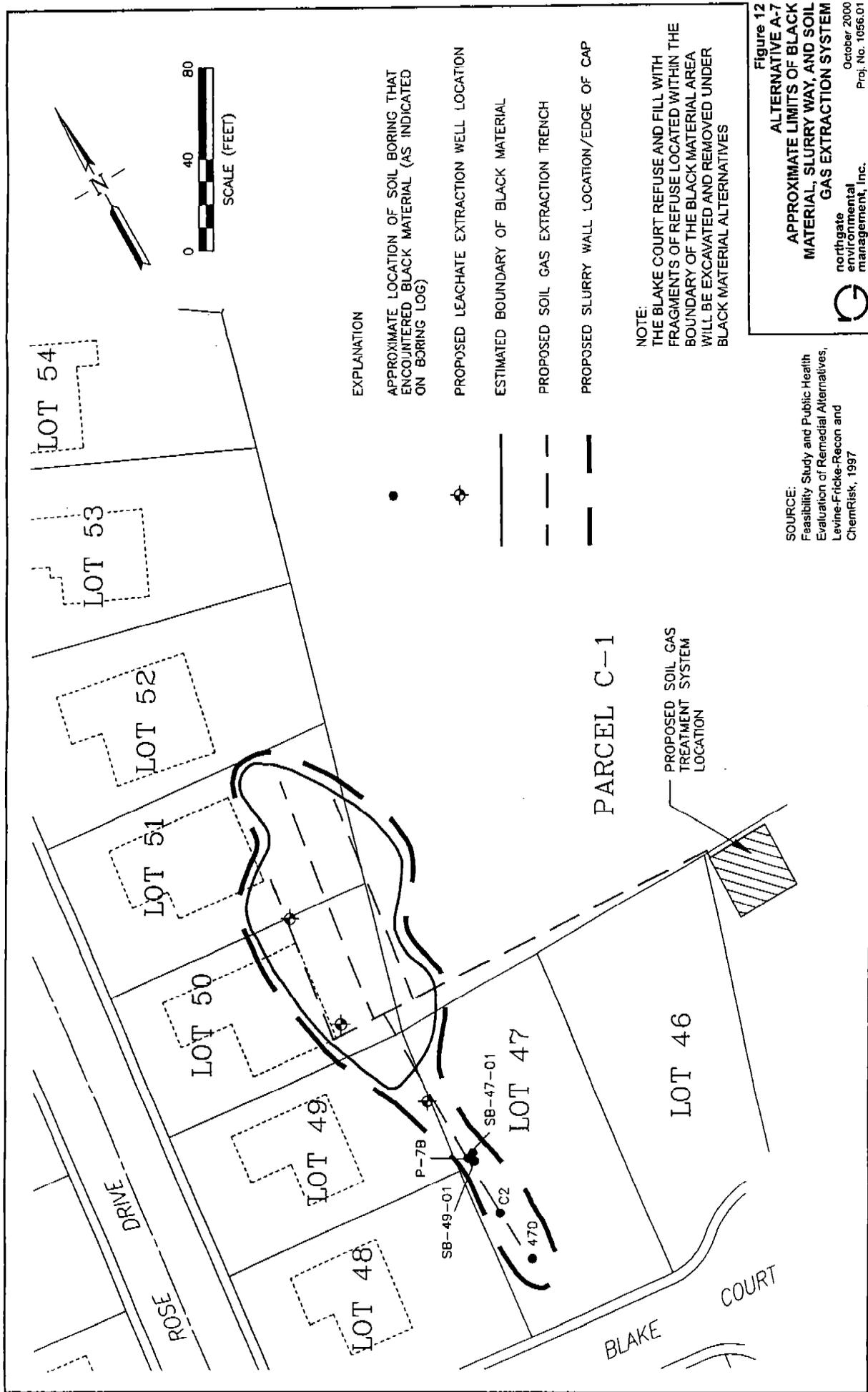
Figure 11
 ALTERNATIVES A-6 AND A-7
 APPROXIMATE LIMITS OF BLACK
 MATERIAL TREATMENT

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 June 2001
 Proj. No. 1056.01

SOURCE:
 Feasibility Study and Public Health
 Evaluation of Remedial Alternatives,
 Levine-Fricke-Recon and
 ChemRisk, 1997

EXPLANATION:
 • APPROXIMATE LOCATION OF SOIL BORING
 THAT ENCOUNTERED BLACK MATERIAL
 (AS INDICATED ON BORING LOG)
 - - - - ESTIMATED BOUNDARY OF BLACK MATERIAL
 ——— LIMITS OF BLACK MATERIAL EXCAVATION

NOTE:
 THE BLAKE COURT REFUSE AND FILL WITH
 FRAGMENTS OF REFUSE LOCATED WITHIN THE
 BOUNDARY OF THE BLACK MATERIAL AREA
 WILL BE EXCAVATED AND REMOVED UNDER
 BLACK MATERIAL ALTERNATIVES

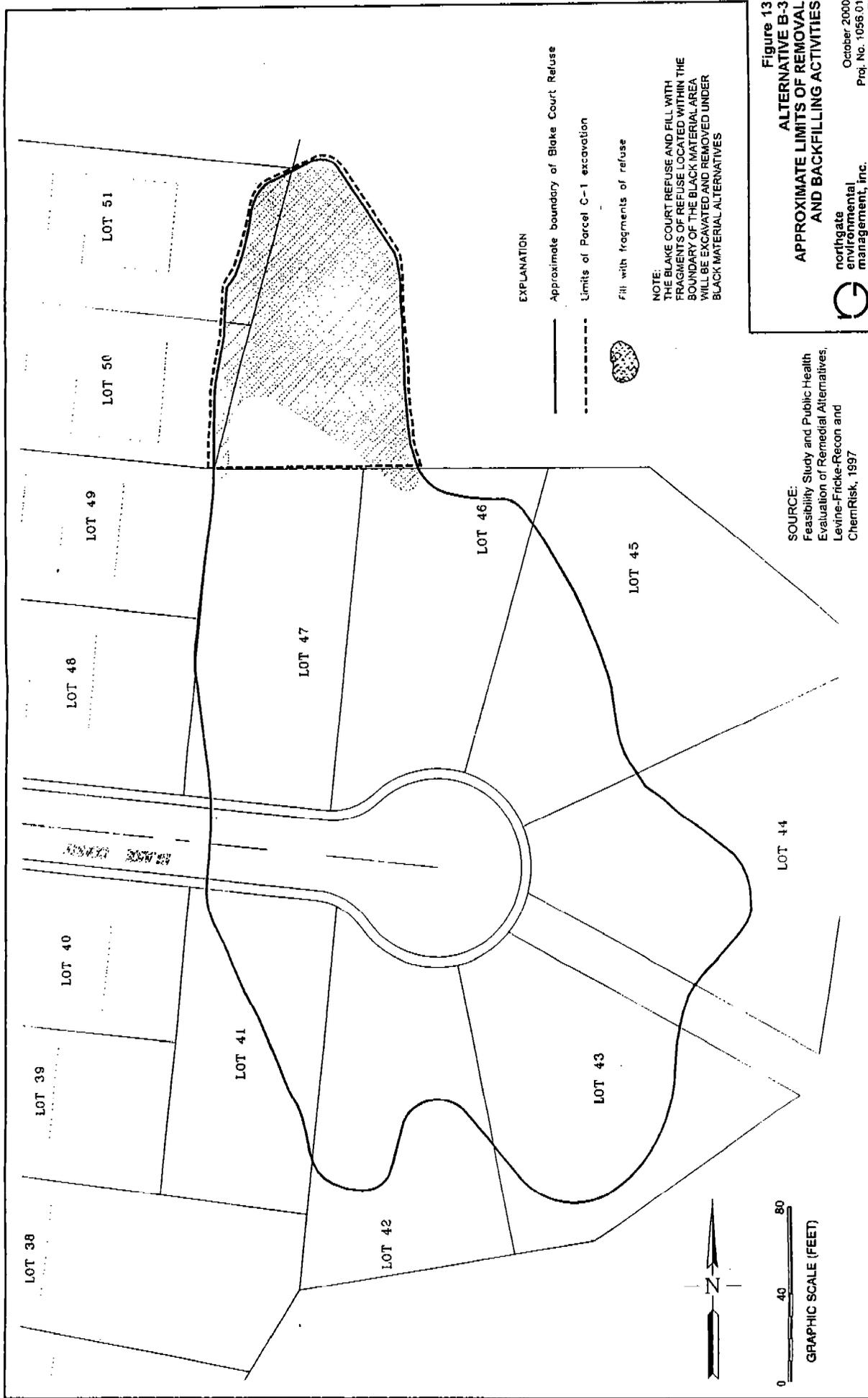


EXPLANATION	SYMBOL
APPROXIMATE LOCATION OF SOIL BORING THAT ENCOJINTERED BLACK MATERIAL (AS INDICATED ON BORING LOG)	●
PROPOSED LEACHATE EXTRACTION WELL LOCATION	◆
ESTIMATED BOUNDARY OF BLACK MATERIAL	---
PROPOSED SOIL GAS EXTRACTION TRENCH	- · - · -
PROPOSED SLURRY WALL LOCATION/EDGE OF CAP	—

NOTE:
 THE BLAKE COURT REFUSE AND FILL WITH THE FRAGMENTS OF REFUSE LOCATED WITHIN THE BOUNDARY OF THE BLACK MATERIAL AREA WILL BE EXCAVATED AND REMOVED UNDER BLACK MATERIAL ALTERNATIVES

Figure 12
ALTERNATIVE A-7
APPROXIMATE LIMITS OF BLACK MATERIAL, SLURRY WAY, AND SOIL GAS EXTRACTION SYSTEM
 northgate environmental management, Inc.
 October 2000
 Proj. No. 1056.01

SOURCE:
 Feasibility Study and Public Health Evaluation of Remedial Alternatives, Levine-Fricke-Recon and ChemRisk, 1997



EXPLANATION

— Approximate boundary of Blake Court Refuse

- - - Limits of Parcel C-1 excavation

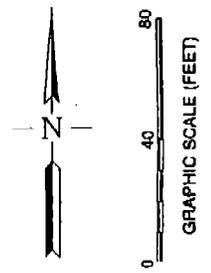
Fill with fragments of refuse

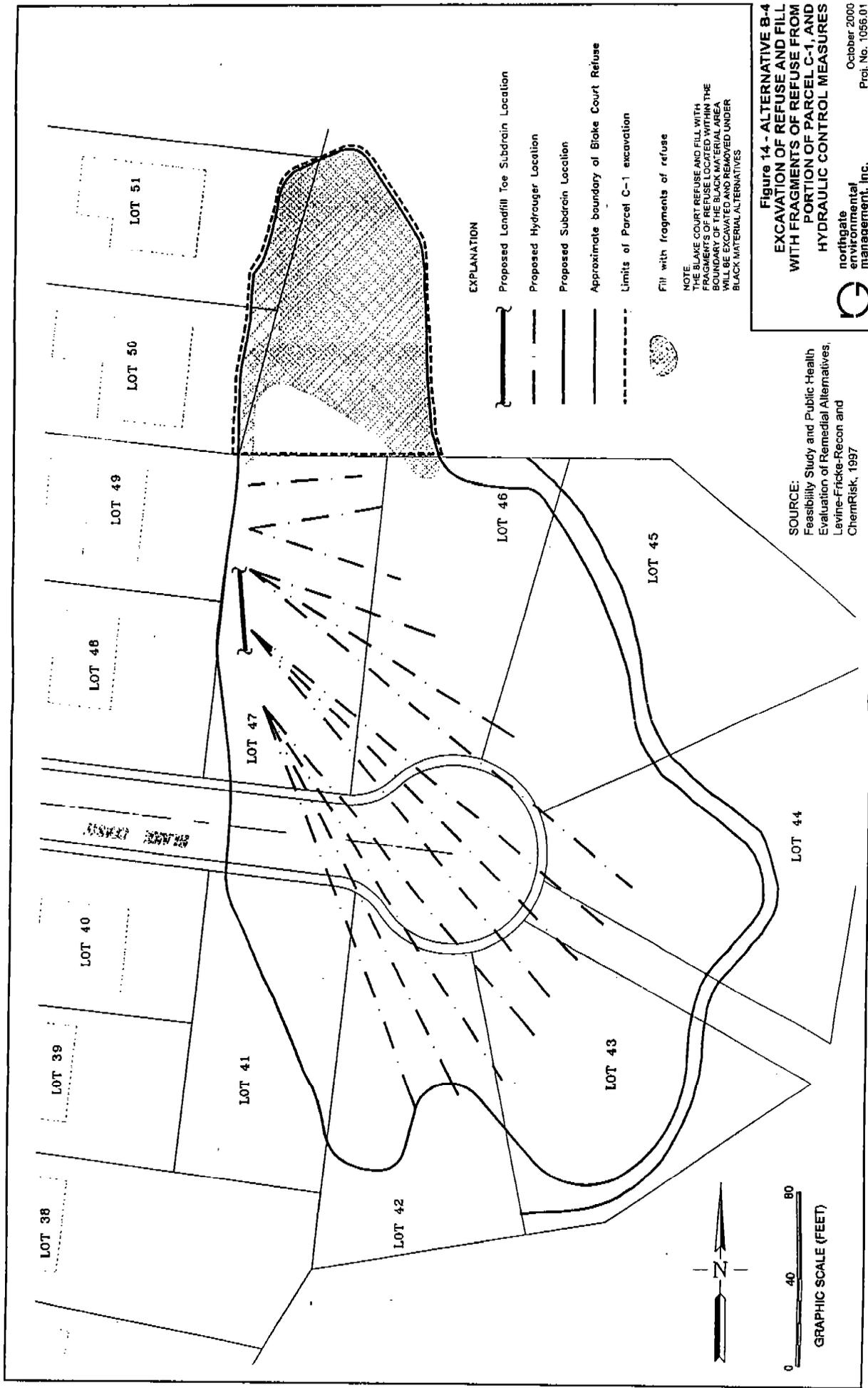
NOTE:
 THE BLAKE COURT REFUSE AND FILL WITH FRAGMENTS OF REFUSE LOCATED WITHIN THE BOUNDARY OF THE BLACK MATERIAL AREA WILL BE EXCAVATED AND REMOVED UNDER BLACK MATERIAL ALTERNATIVES

Figure 13
 ALTERNATIVE B-3
 APPROXIMATE LIMITS OF REMOVAL
 AND BACKFILLING ACTIVITIES

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SOURCE:
 Feasibility Study and Public Health Evaluation of Remedial Alternatives, Levine-Fricke-Recon and ChemRisk, 1997





EXPLANATION

- Proposed Landfill Toe Subdrain Location
- Proposed Hydrauger Location
- Proposed Subdrain Location
- Approximate boundary of Blake Court Refuse
- Limits of Parcel C-1 excavation
- Fill with fragments of refuse

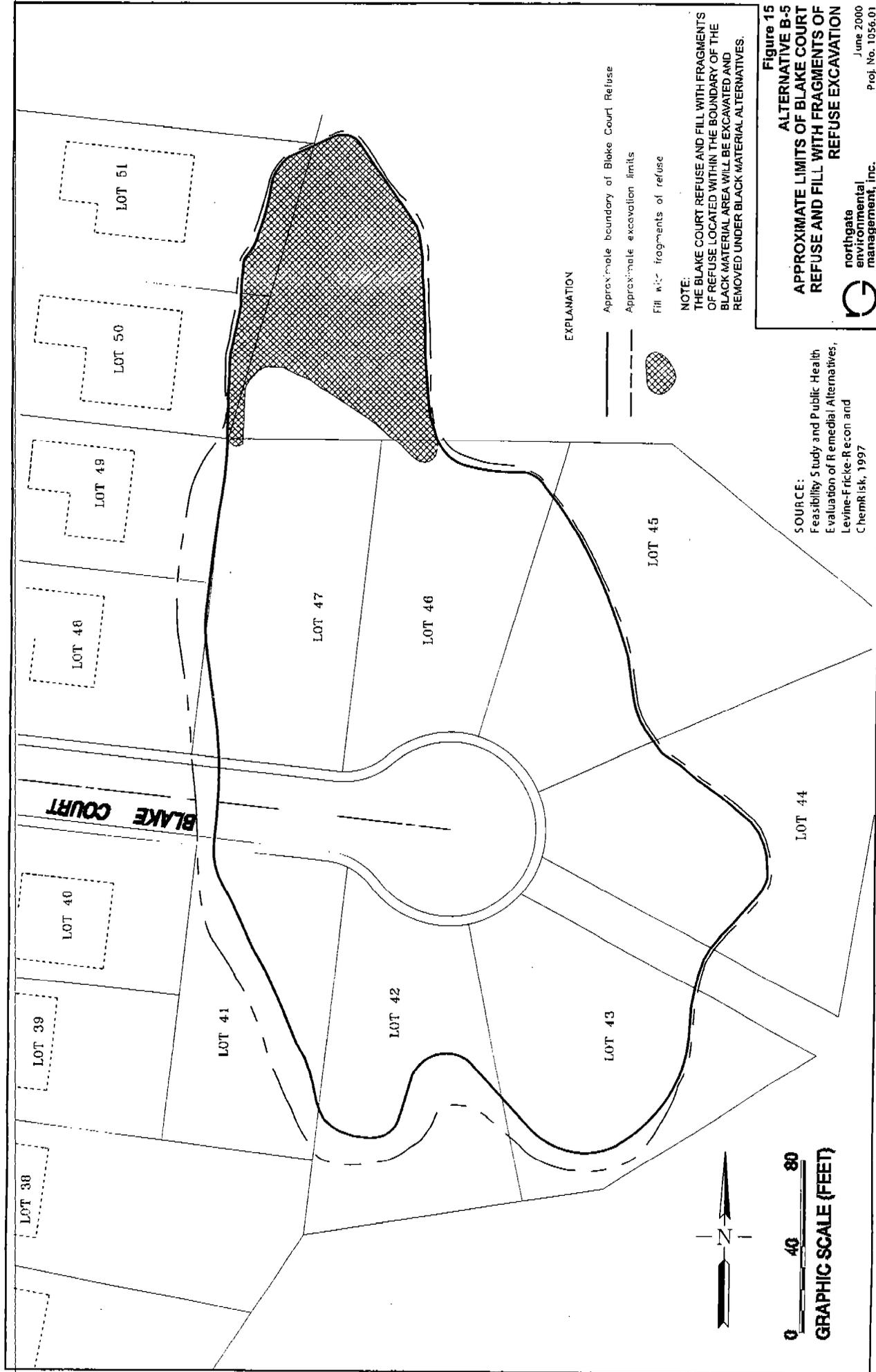
NOTE
 THE BLAKE COURT REFUSE AND FILL WITH
 FRAGMENTS OF REFUSE LOCATED WITHIN THE
 BOUNDARY OF THE BLAKE MATERIAL AREA
 WILL BE EXCAVATED AND REMOVED UNDER
 BLACK MATERIAL ALTERNATIVES

**Figure 14 - ALTERNATIVE B-4
 EXCAVATION OF REFUSE AND FILL
 WITH FRAGMENTS OF REFUSE FROM
 PORTION OF PARCEL C-1, AND
 HYDRAULIC CONTROL MEASURES**

SOURCE:
 Feasibility Study and Public Health
 Evaluation of Remedial Alternatives,
 Levine-Fricke-Recon and
 ChemRisk, 1997

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EXPLANATION

- Approximate boundary of Blake Court Refuse
- - - Approximate excavation limits
- ▨ Fill with fragments of refuse

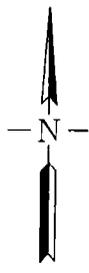
NOTE:
 THE BLAKE COURT REFUSE AND FILL WITH FRAGMENTS OF REFUSE LOCATED WITHIN THE BOUNDARY OF THE BLACK MATERIAL AREA WILL BE EXCAVATED AND REMOVED UNDER BLACK MATERIAL ALTERNATIVES.

SOURCE:
 Feasibility Study and Public Health Evaluation of Remedial Alternatives, Levine-Fricke-Recon and ChemRisk, 1997

Figure 15
ALTERNATIVE B-5
APPROXIMATE LIMITS OF BLAKE COURT REFUSE AND FILL WITH FRAGMENTS OF REFUSE EXCAVATION

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APPENDIX A

ADMINISTRATIVE RECORD LIST

ADMINISTRATIVE RECORDS LIST
FORMER SOLANO COUNTY SANITARY LANDFILL SITE

Date	Pages	Author	Receiver	Title/Subject of Document
6/4/01		Ted Splitter, (Northgate)	Darrell Nations, (DTSC)	Adendum 1 to Field and Laboratory Procedures Manual for Investigation/Remediation Activities and Sampling and Analysis Plan for Blake Court and Black Material Areas Volume II
5/16/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Letter regarding revision of proposed well abandonment plan for NCOU
5/11/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	First Quarter 2001 Monitoring Report, East Canyon Landfill
5/11/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	First Quarter 2001 Monitoring Report, North Canyon Area
5/8/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Letter regarding proposed well abandonment plan for NCOU
2/19/01		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Proposed Schedule for 2001 Quarterly Soil-Gas Sampling and Indoor Monitoring in Houses along Rose Drive, NCOU
2/19/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - January 2001, Blake Court / Rose Drive
2/15/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Fourth Quarter 2000 Groundwater Monitoring Report, NCOU
1/29/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Transportation Plan for the Remediation of the Blake Court & Black Material Areas, Former Solano County Sanitary Landfill, Benicia, California
1/29/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Health & Safety Plan for the Remediation of the Blake Court & Black Material Areas, Former Solano County Sanitary Landfill, Benicia, California
1/29/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Community Contingency Plan for the Remediation of the Blake Court & Black Material Areas, Former Solano County Sanitary Landfill, Benicia, California
1/29/01		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	Draft Remedial Design Document for the Remediation of the Blake Court & Black Material Areas, Former Solano County Sanitary Landfill, Benicia, California
1/26/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - December 2000, Blake Court / Rose Drive
1/22/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - November 2000, Blake Court / Rose Drive
1/22/01		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - October 2000, Blake Court / Rose Drive
1/16/01		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Quarterly Summary Report - Fourth Quarter 2000
12/13/00		Julie Sharp & John Keeler, (LFR)	Paul Ruffin, (DTSC)	Four Quarters of 1999 Analytical Results for Soil-Gas Samples, NCOU
11/14/00		Alan Leavitt, (Northgate)	Paul Ruffin, (DTSC)	DRAFT Remedial Action Plan, Former Solano County
11/10/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Third Quarter 2000 Groundwater Monitoring Report, NCOU
10/19/00		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Quarterly Summary Report - Third Quarter 2000
10/6/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - September 2000, Blake Court / Rose Drive
9/19/00		Julie Sharp & John Keeler, (LFR)	Paul Ruffin, (DTSC)	Second Quarter 2000 Indoor Air Sampling Conducted in Houses Along Rose Drive, Benicia
9/18/00		Julie Sharp & John Keeler, (LFR)	Paul Ruffin, (DTSC)	First Quarter 2000 Indoor Air Sampling Conducted in Houses Along Rose Drive, Benicia
8/31/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - August 2000, Blake Court / Rose Drive
8/30/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - July 2000 Blake Court / Rose Drive
8/16/00		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Quarterly Summary Report - Second Quarter 2000
8/11/00		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Second Quarter 2000 Groundwater Monitoring Report, NCOU
8/4/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	DRAFT Remedial Action Plan, Former Solano County
7/10/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - June 2000 Blake Court / Rose Drive
6/19/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - May 2000 Blake Court / Rose Drive
6/19/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - April 2000 Blake Court / Rose Drive

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6/12/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - March 2000 Blake Court / Rose Drive
6/12/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - February 2000 Blake Court / Rose Drive
5/11/00		Ted Splitter, (Northgate)	Loretta Barsamian, (RWQCB)	First Quarter 2000 Groundwater Monitoring Report, NCOU
4/28/00		Julie Sharp & John Keeler, (LFR)	Loretta Barsamian, (RWQCB)	Fourth Quarter 1999 Indoor Air Sampling Conducted in Houses Along Rose Drive - NCOU
4/17/00		Ted Splitter, (Northgate)	Paul Ruffin, (DTSC)	Quarterly Summary Report - First Quarter 2000
2/15/00		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - January 2000 Blake Court / Rose Drive
2/14/00		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Fourth Quarter 1999 Groundwater Monitoring Report, NCOU
2/1/00		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - December 1999 Blake Court / Rose Drive
1/27/00		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - November 1999 Blake Court / Rose Drive
1/18/00		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Quarterly Summary Report - Fourth Quarter 1999
12/7/99		(LFR)	Paul Ruffin, (DTSC)	Third Quarter 1999 Indoor Air Sampling Conducted in Houses Along Rose Drive
12/6/99		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First Quarter 1999 Analytical Results for Soil-Gas Samples, NCOU
11/19/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Revision of the Quarterly Summary Report - June and Third Quarter 1999
11/17/99		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - October 1999, Blake Court / Rose Drive
11/12/99		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Third Quarter 1999 Groundwater Monitoring Report, NCOU
11/9/99		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - September 1999, Blake Court / Rose Drive
10/23/99	168	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Additional Assessment for the North Canyon Historical Footprint Area (Lots 86 and 103), Former Solano County Sanitary Landfill, Benicia, California.
10/22/99		(LFR)	Paul Ruffin, (DTSC)	Amendment to Report titled "Four Quarters of 1998 Analytical Results for Soil-Gas Samples, NCOU"
10/15/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Quarterly Summary Report - June and Third Quarter 1999
10/7/99		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - August 99, Blake Court/Rose Drive
9/2/99		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Four Quarters of 1998 Analytical Results for Soil-Gas Samples, NCOU
8/30/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Field Inspection Report - July 1999, Blake Court/Rose Drive
8/13/99		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Second Quarter 1999 Groundwater Monitoring Report, NCOU
8/5/99	3	Benicia Community Members	(DTSC)	DTSC establishment of a Community Advisory Group as authorized under SB 47, State Superfund Reauthorization Act of 1999
8/4/99	6	Jerry Marcotte, (DTSC)	David Burgess	Affordable housing affiliation requesting information on proposed site adjacent to the Kindercare on Rose Drive
7/30/99		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second Quarter 1999 Indoor Air Sampling Conducted in Houses Along Rose Drive.
7/26/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Field Inspection Report - June 1999, Blake Court/ Rose Drive
7/24/99	2	(DTSC)	File	Note Final Inspection on 3/11/86
7/23/99	13	Jerry Marcotte, (DTSC)	File	Documentation of truck trips during Braito remedial action used in the preparation of initial study.
7/23/99	1	Jerry Marcotte, (DTSC)	File	Affordable housing location near Kindercare
7/22/99	3	David Burgess	Jerry Marcotte, (DTSC)	Requesting information on proposed affordable housing site.
7/22/99	3	David Burgess	Lance McMahan	Requesting information on proposed affordable housing site.
7/20/99	27	William Ryan, (DTSC)	Richard McMurtry, (RWQCB) Bay Area	Request for revision to monitoring and reporting program, Braito.
7/13/99	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Change in frequency of summary reports, DTSC 204
7/2/99	3	Alec W. Naugle, (RWQCB) Bay Region	John Bunch, (City of Benicia)	Comments regarding the East Canyon and Rose Drive development project, Benicia, California
6/29/99	1	City of Benicia	Paul Ruffin, (DTSC)	Tourtlot and Rose Drive update, June 29, 1999

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6/28/99	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report, May 1999, Blake Court/ Rose Drive
6/24/99	9	Paul Ruffin, (DTSC)	John Bunch, (City of Benicia)	Comments on the Notice of Preparation of an Environmental Impact Report for the Rose Drive Cleanup and Development Agreement.
6/23/99	2	Kevin A. Cullen, (SCDEM)	Marjorie Macris, (City of Benicia Planning Dpt.)	Notice of Preparation of an Environmental Impact Report for the Rose Drive Cleanup and Development Agreement.
6/23/99	1	Timothy W. Crist, PE, (CIWMB)	Marjorie Macris, (City of Benicia Planning Dpt.)	Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the Rose Drive Cleanup and Development Agreement.
6/18/99	133	William Ryan, (DTSC)	Heather McLaughlin, (City Hall)	DTSC draft Initial Study document for the Braitto Landfill site.
6/15/99	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for May 1999.
6/15/99	1	(City of Benicia)	Paul Ruffin, (DTSC)	Fact sheet regarding City of Benicia's projects to address a number of key safety, recreational, housing and environmental issues for Rose Drive and Blake Court.
6/14/99		(Wetlands Research Associates, Inc.)	Paul Ruffin, (DTSC)	Delineation of Potential Jurisdictional Wetlands (section 404 of the Clean Water Act)
6/8/99	1	(City of Benicia)	Paul Ruffin, (DTSC)	Fact sheet regarding a proposal to build a golf course in Benicia.
6/3/99		California EPA - Dept. of Toxic Substances Control - Site Mitigation Program	Paul Ruffin, (DTSC)	California Environmental Quality Act Initial Study for Former Solano County Sanitary Landfill (a.k.a. Braitto Landfill) North Canyon Operable Unit
5/29/99	1	(City of Benicia)	Paul Ruffin, (DTSC)	Fact sheet regarding report from the May 12, 1999, public participation meeting to discuss the City's plans to address a number of key environmental, recreational, safety and housing issues facing this community.
5/21/99	1	(City of Benicia)	Paul Ruffin, (DTSC)	Fact sheet regarding City's approval of environmental consultant for Rose Drive cleanup and Tourtelot development EIRS.
5/17/99	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report, April 99, work done related to preparation of the NCOU soil gas monitoring reports.
5/14/99	240	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	First quarter 1999 Groundwater monitoring report - NCOU
5/11/99	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - April 1999, Blake Court, Rose Drive
5/7/99	9	Dave Palle, (DTSC)	Jerry Marcotte, (DTSC)	Recent articles on Benicia Rose Drive/ Tourtelot and information about meetings.
5/7/99	9	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First quarter 1999 indoor air sampling conducted in houses along Rose Drive in the North Canyon Area.
5/6/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Field Inspection Report - March 1999, Blake Court/Rose Drive
5/4/99	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Hillside Area report, revision 2 - DTSC 203
4/23/99	74	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to draft Hillside Area Report, North Canyon Operable Unit, Benicia, California.
4/19/99	3	Jerry Hayes, (City of Benicia)	Ed. Lowry, (DTSC)	Letter to thank for the time and courtesy extended at the meeting on April 2, 1999.
4/15/99	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report, March 1999
4/14/99	80	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth quarter 1997 analytical results for soil-gas samples
3/23/99	3	Peter Russell, (Russell Resources, Inc.)	Loreta Barsamian, (RWQCB)	Weekly Field Inspection Report- February 1999, Blake Court / Rose Drive.
3/23/99		Peter Russell, (Russell Resources, Inc.)	Loreta Barsamian, (RWQCB)	Weekly Field Inspection Report- January 1999, Blake Court / Rose Drive
3/15/99	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Former Solano County Sanitary Landfill. Monthly Summary Report- February 1999
3/9/99	7	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of preliminary endangerment assessment report for the Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, California.
3/5/99	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Jerome R. Marcotte, (DTSC)	Former Braitto Landfill Site. Request for daily logs.
3/3/99	18	Theresa McFarland, (Folger-Levine-Kahn)	Jerry Marcotte, (DTSC)	Letter submitted on behalf of Granite Management Corporation in connection with a dispute with the DTSC, relating to the Braitto Landfill site.
3/1/99	4	Carolyn Tatoian-Cain, (DTSC)	William P. Ryan, (DTSC)	Hazard Index and Carcinogenic Risk for the Study Area Operable Unit, Former Solano County Sanitary Landfill.

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2/26/99	35	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of Hillside Area report, revision 2, change-out pages
2/17/99	11	Jerry Marcotte, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Project schedule transmittal regarding the informal dispute resolution
2/16/99		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - January 1999
2/5/99		Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Transmittal of daily logs for informal dispute resolution.
2/4/99	7	Niloo Savis, (Musick Peeler & Garrett, LLP)	Paul Ruffin, (DTSC)	Letter requesting file review of all consent and/or enforcement orders in connection with the Southampton Development for reference to Aetna v. First Nationwide.
2/3/99	3	Raissa Lerner, (CA Department of Justice)	Margaret Dollbaum, (Folger-Levin-Kahn)	Letter confirming specific obligations of Granite and the Dept. of Toxic Substances Control, as agreed at informal dispute resolution meeting on 2/2/99.
2/1/99	9	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth Quarter, 1998, Indoor Air Sampling conducted in houses along Rose Drive.
2/1/99	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third Quarter, 1998, Indoor Air Sampling conducted in houses along Rose Drive.
1/29/99		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revision 1 to the Preliminary Endangerment Assessment Report for the Study Area Operable Unit
1/22/99	9	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional Approval of Hillside Area Report (DTSC 201).
1/22/99	36	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional Approval of Hillside Area Report, Former Solano County Sanitary Landfill, Benicia, California.
1/19/99	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for quarterly soil-gas sampling and indoor air monitoring for 1999.
1/15/99	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for December 1998.
1/14/99	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report for December 1998, Blake Court / Rose Drive
12/23/98	44	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments regarding the Preliminary Endangerment Assessment Report for the Study Area Operable Unit, former Solano County Sanitary Landfill, Benicia, California
12/21/98		Brad Parsons, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Comparison of data differences between the two laboratories for the PEA report for the Study Area Operable Unit.
12/17/98		Brad Parsons, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Review of data provided for differences of two laboratories.
12/15/98	3	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary report for November 1998.
12/2/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report for November 1998, Blake Court / Rose Drive
12/1/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly field inspection report for October 1998, Blake Court / Rose Drive
11/16/98		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - October 1998
11/12/98	2	Brad Parsons, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Review and comments on PEA, dated September 24, 1998.
11/12/98	3	Braitto Landfill Committee Members	Carolyn Tatoian-Cain, (DTSC)	Review of data for Braitto Landfill PEA, dated 9/24/98.
11/12/98		Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Third Quarter, 1998, Groundwater monitoring report for the North Canyon Area.
11/4/98	3	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comments on document titled 'Preliminary Endangerment Assessment Report, Study Area Operable Unit, Former Solano County Landfill, Benicia, California, Volumes 1 and 2. Levine Fricke Recon. 9/24/98.
10/25/98	3	Richard Lubin	Carolyn Tatoian-Cain, (DTSC)	Comments regarding Draft PEA for Study Area Operable Unit.
10/23/98	1	Bill Ryan, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Follow-up to meeting. Concerns on-going settlement negotiations between City of Benicia & Granite. Also, discusses staffing of project.
10/22/98		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Metals results comparison.
10/22/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - September 1998, Blake Court / Rose Drive
10/15/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for September 1998.
10/12/98	17	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Lab report for follow-up soil PEA gas sampling in curb lane of Rose Dr.

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10/9/98	4	Bill Ryan, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Letter responding to letters received from Scott McKinlay on 8/25/98 & 9/17/98, as well as Margaret Dollbaum's 7/16/98 letter. Explains staffing changes, sets a meeting date and addresses changes in schedule.
10/1/98	4			Fact sheet regarding Study Area Preliminary Endangerment Assessment and invitation for public comment.
9/28/98	1	Carolyn Tatoian-Cain, (DTSC)	Public	Public notice seeking public comments on draft PEA report.
9/24/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	PEA Report for Study Area Operable Unit
9/22/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comments on document titled "Hillside Area Report, North Canyon Operable Unit, Benicia, California..."
9/17/98	4	Peter Russell, (Russell Resources, Inc.)	Bill Ryan, (DTSC)	Followup to August 25, 1998 letter regarding submittal of draft PEA report for the Study Area Operable Unit.
9/16/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - August 1998, Blake Court / Rose Drive
9/14/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - July 1998, Blake Court / Rose Drive
9/13/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for August 1998.
9/13/98	73	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Confirmation sampling results, Hillside Area backyard soil removal.
8/25/98	5	Peter Russell, (Russell Resources, Inc.)	Bill Ryan, (DTSC)	Response to August 4, 1998 (DTSC-199) letter regarding the draft PEA report for the Study Area Operable Unit.
8/25/98	4	Peter Russell, (Russell Resources, Inc.)	Bill Ryan, (DTSC)	Letter revising/clarifying schedule for Draft PEA Report for the Study Area Operable Unit of the Braito Landfill. This letter is a response to DTSC-199.
8/18/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Hillside Area Report Revision 1, NCOU.
8/14/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for July 1998
8/14/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - June 1998, Blake Court / Rose Drive
8/14/98	2	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Second Quarter 1998 Groundwater monitoring report for the North Canyon Area.
8/14/98	2	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Letter accompanying Second Quarter 1998 Monitoring Report, North Canyon Area.
8/7/98	6	Caroline Rudolph, (DTSC)	Don Plain, (DTSC)	Consent Order # 94/95-004
8/6/98	1	Timothy Crist, (CIWMB)	Carolyn Tatoian-Cain, (DTSC)	Recent indoor air monitoring at Lot 99 (939 Bolton Circle).
8/4/98	3	William Ryan, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Letter regarding confirmation that draft PEA was due 7/27/98 and discussing reduction of DTSC staffing for project.
7/23/98	9	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second Quarter 1998 - Indoor Air Sampling conducted in Houses along Rose Drive in the North Canyon Area
7/17/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - June 1998
7/17/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - May 1998, Blake Court / Rose Drive
7/10/98	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Indoor Air Monitoring at Lot 4, DTSC-198
7/10/98	2	Carolyn Tatoian-Cain, (DTSC)	Resident at 944 Rose Drive, Benicia	Disregard the letter dated July 9, 1998 regarding indoor air monitoring to be performed in the house on Lot 4
7/10/98	2	Carolyn Tatoian-Cain, (DTSC)	Resident at 944 Rose Drive, Benicia	Indoor air monitoring to be performed in the house on Lot 4
7/10/98	2	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Disregard the letter dated July 9, 1998, regarding indoor air monitoring inside the house on Lot 4
7/9/98	3	Carolyn Tatoian-Cain, (DTSC)	Resident at 940 Bolton Court	Indoor air monitoring to be performed in the house on Lot 100
7/9/98	3	Carolyn Tatoian-Cain, (DTSC)	Resident at 944 Rose drive, Benicia	Indoor air monitoring to be performed in the house on Lot 4
7/9/98	3	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Status of submittal of revised Hillside Area Report, Former Solano County Sanitary Landfill, Benicia, CA. DTSC-197
6/30/98	194	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Analytical data for the preliminary endangerment assessment investigation from LFR.
6/18/98	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Indoor air monitoring at Lots 99, 100 and 101. DTSC-196
6/18/98	3	Carolyn Tatoian-Cain, (DTSC)	Lovina Family, (Benicia)	Indoor air monitoring to be performed in the house on Lot 99.
6/18/98	3	Carolyn Tatoian-Cain, (DTSC)	Groelich Family, (Benicia)	Indoor air monitoring to be performed in the house on Lot 101.
6/18/98	3	Carolyn Tatoian-Cain, (DTSC)	Salinas Family, (Benicia)	Indoor air monitoring to be performed in the house on Lot 100.

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6/17/98	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth Quarter 1997 Indoor Air Sampling conducted in houses along Rose Drive in the North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
6/17/98	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First Quarter 1998 Indoor Air Sampling conducted in houses along Rose Drive in the North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
6/15/98	6	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Analytical data for PEA investigation at the Benicia, CA. DTSC-195
6/15/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - May 1998
6/10/98	32	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Initial Study - Solano County Sanitary Landfill Removal Action 'Hides and Tires Area'
6/9/98	4	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of revised Final PEA work plan for the Study Area Operable Unit, Benicia, CA. DTSC-194
6/8/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Receipt of document titled correspondence from Ted Splitter to Paul Ruffin dated 5/29/98
6/5/98	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Corrected Third Quarter 1997 Soil-gas Sampling Report, NCOU of the Former Solano County Sanitary Landfill, Benicia, CA
6/3/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comments on Revised Final PEA work plan for the Study Area Operable Unit, Benicia, CA
6/1/98				Documents that were used to develop animal and plant sections for the initial study.
5/29/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third Quarter 1997 Analytical Results for Soil-Gas and Utility-Gas Samples, NCOU
5/29/98	8	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional Approval of Final Investigation Report, Tank Area Vicinity, Benicia, CA
5/29/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report for April 1998, Blake Court / Rose Drive Braitto Landfill project meeting agenda, Friday, May 22, 1998, 2:00 PM, Benicia City Hall, Benicia, CA
5/22/98	2			Receipt of following reports: (1) 1st Quarter 1998 Monitoring Report, East Canyon, 5/12/98, (2) 2nd Quarter 1997 Analytical Results for Soil Gas and Utility-Gas Samples, NCOU, 5/18/98
5/21/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	
5/19/98	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Confirmation of meeting with DTSC on 5/22/98 requested by DTSC
5/18/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comment deadline for document titled Revised Final Preliminary Endangerment Assessment Work Plan for the Study Area Operable Unit, Benicia, CA, dated 5/6/98
5/18/98	6	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for field work for the period beginning May 18, 1998. PEA Study Area OU, Benicia, CA
5/18/98	100	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second Quarter 1997, Analytical Results for Soil-gas and Utility - Gas samples, NCOU, Benicia, CA
5/15/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - April 1998
5/14/98	100	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	First Quarter 1998 - Groundwater Monitoring Report, Benicia, CA
5/12/98	30	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	First Quarter 1998 Standard Observations and Gas Monitoring Report for Blake Court, Benicia, CA
5/11/98	3	HML	Carolyn Tatoian-Cain, (DTSC)	Lab report for total petroleum hydrocarbons - diesel from Braitto.
5/11/98	6	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for field work for the period beginning May 11, 1998. PEA Study Area OU, Benicia, CA
5/6/98	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for field work for the period beginning May 4, 1998. PEA Study Area OU, Benicia, CA
5/6/98	150	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised Final PEA Work Plan for the Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, CA
5/4/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Review of Final Investigation report, Tank Area Vicinity, Benicia, CA
4/30/98	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Leather scraps, Benicia, CA
4/29/98		Carolyn Tatoian-Cain, (DTSC)		PEA investigation logbook
4/29/98		HML	Carolyn Tatoian-Cain, (DTSC)	Case narrative analytical report from Rose Drive soil samples.
4/28/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comment deadline for Final Tank Area Report
4/22/98	11	Jody Sparks, (TAG)	Jerry Marcotte/Carolyn Tatoian-Cain, (DTSC)	PEA work plan "arrowed" comments, Southampton/Braitto Landfill Project, Original faxed copy
4/21/98	3	Carolyn Tatoian-Cain, (DTSC)	Jeff Mahan, (DTSC)	Justification for costs associated with PEA.
4/21/98	28	Paul Ruffin, (DTSC)	L.T. Fullington, (Clifton Court)	Leather Hide Scraps - Recent finds behind Clifton Court, Benicia, CA. DTSC-192

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4/20/98	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for field work for the period beginning April 27, 1998. PEA Study Area OU, Benicia, CA. Original.
4/15/98	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to revised Addenda 5 to Health and Safety Plan, Benicia, CA DTSC 191
4/15/98	14	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Final Approval of Final Draft PEA Work Plan for the Study Area Operable Unit, Benicia, CA. DTSC-190
4/15/98	3	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Timing of Response to DTSC-188. Former Solano County Sanitary Landfill, Benicia, CA
4/15/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - March 1998
4/15/98	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - March 1998
4/6/98	8	Jody Sparks, (TAG)	Paul Ruffin/Carolyn Tatoian-Cain, (DTSC)	Comments on the document titled, Final PEA Work Plan for the Study Area Operable Unit, Benicia, CA. 3/9/98
4/3/98	19	Carolyn Tatoian-Cain, (DTSC)	Jody Sparks, (TAG)	Field notes taken by Lynn Williams at the Former Solano County Sanitary Landfill, Benicia, CA. DTSC-189
4/3/98	100	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Final Investigation Report, Tank Area Vicinity, Benicia, CA
4/1/98	2	(DTSC)		Fact Sheet - April 1998 - Fieldwork Notification Braitto Landfill Site Study Area/PEA
3/27/98	2	Residents from Clifton Court and Channing Circle	Paul Ruffin, (DTSC)	Leather hide scraps-recent finds behind Clifton Court
3/25/98	7	Marilyn Bardet, (F.O.R.D.)	Claire Best, (DTSC)	Community Survey Questionnaire; Public Participation Program, Braitto Landfill Investigation, NCOU, Benicia, CA
3/17/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised pages (Revision 5) to Field and Laboratory Procedures Manual for Investigations/Remedial Activities at the Former Solano County Sanitary Landfill
3/17/98	1	Jody Sparks, (TAG)	Project Team Members	Distribution of document titled First Quarter 1997 Analytical Results of Soil-Gas & Utility Gas samples, NCOU, Benicia, CA
3/17/98	1	Jody Sparks, (TAG)	Project Team Members	Comment deadline for final PEA work plan & addendum to Health and Safety Plan
3/17/98	1	Jody Sparks, (TAG)	Project Team Members	Distribution of document titled Revised addendum 5 to Health and Safety Plan, Former Solano County Sanitary Landfill, Benicia, CA, dated 3/13/98
3/16/98	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Reevaluation of BHRA, North Canyon Operable Unit, Benicia, CA. Attached is a memo by Steve DiZio to Paul Ruffin dated 1/29/98 - DTSC-188
3/16/98	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - February 1998
3/13/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - February 1998
3/13/98	33	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of revised Addendum 5 to the Health and Safety Plan, Benicia, CA
3/12/98	1	Kari Jeffs, (Sonnenchein)	(DTSC)	Record of Public Review
3/9/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Final Preliminary Endangerment Assessment Work Plan for the Study Area Operable Unit, Former Solano County Sanitary Landfill
3/6/98	2	Claire Best, (DTSC)	Interested Party	Gathering information to revise the Public Participation Plan, dated 11/95, for Braitto Landfill Site, Benicia, CA
3/6/98	68	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to Hillside Area Report, Former Solano County Sanitary Landfill, Benicia, CA - DTSC-187
3/5/98		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First Quarter 1997 Analytical Results for Soil-Gas and Utility-Gas Samples, NCOU.
3/4/98	2	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - January 1998, Blake Court/Rose Drive, Southampton, Benicia, CA
3/2/98	6	Claire Best, (DTSC)	Residents of Rose Drive	Revision of Public Participation Plan for the Braitto Landfill Site
3/2/98	5	David Chan, (OEHA)	Paul Ruffin, (DTSC)	Revised Hillside Area Report, NCOU, Benicia, CA
3/2/98	1	Jerry Marcotte, (DTSC)	Joel McMinn, (Benicia)	Pieces of leather found in the area behind house of resident on Clifton Court
2/28/98	1	Timothy Crist, (CIWMB)	Paul Ruffin, (DTSC)	Preliminary data from December 1997 soil gas samples - File No. 48-AA-0010, NCOU, Benicia, CA
2/25/98	2	Mary Beth Sipos, (Musick, Peeler & Garret LLP)	Paul Ruffin, (DTSC)	Review all files we have for public inspection
2/20/98	1	Peter Russell, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	DTSC comments on PEA work plan for the Study Area Operable Unit, Former Solano County Sanitary Landfill, Benicia, CA
2/17/98	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - January 1998

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2/13/98	200	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Fourth Quarter 1997, Groundwater Monitoring Report, North Canyon Area, Benicia, CA
2/12/98		Daniel Easter, (EMCON)	(Granite Management Corp.)	Fourth Quarter 1997 Standard Observations and Gas Monitoring Report. Blake Court.
2/11/98	4	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Clarification of comment submitted to Granite Management Corporation regarding the Draft Preliminary Endangerment Assessment Work Plan. DTSC-186
2/10/98	3	Paul Ruffin, (DTSC)	Larry Fullington, (Community)	Request for sample of hide (leather) scrap, Former Solano County Sanitary Landfill Site, Benicia, CA. DTSC-185
1/29/98	4	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Additional requirements for conditional approval of Draft Preliminary Endangerment Assessment work plan for the Study Area Operable Unit, Benicia, CA. DTSC-184
1/29/98	2	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Review of potential effects of differences in laboratory analytical results on Baseline Health Risk Assessment (BHRA) conclusions for the North Canyon Operable Unit of the Former Solano County Sanitary Landfill, Benicia, CA
1/28/98	3	Peter Russell, (Russell Resources, Inc.)	Gary Nance, (Rose Drive)	Sample Storage - Rose Drive, Benicia.
1/28/98	11	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Memo from Renee Kalmes at Chernrisk to Paul Ruffin regarding Southampton BHRA cadmium evaluation.
1/28/98	2	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for quarterly soil-gas sampling & indoor air monitoring for 1998, NCOU, Braitto Landfill, Benicia, CA.
1/27/98	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Request for copy of Notice of Exemption
1/23/98	2	Larry Klein, (AEN)	Dr. Bart Simmons, (HML)	Sample storage - Rose Drive, Benicia.
1/20/98	1	Larry Fullington, (Community)	Paul Ruffin, (DTSC)	Testing hides picked up from Tires & Hides Area by Joan Eignor.
1/16/98	8	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Regarding groundwater monitoring program.
1/15/98	7	Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Baseline Health Risk Assessment, North Canyon Operable Unit, Braitto Landfill, Benicia, CA. DTSC - 179
1/15/98	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - December 1997, Braitto Landfill, Benicia, CA
1/12/98	5	Cindy Dingman, (HML)	Paul Ruffin, (DTSC)	Laboratory Proficiency Testing Results for Methods 3050-6010
1/12/98	1	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Sample may be properly disposed-HML # 970285-970288
1/9/98	3	Bart Simmons, (HML)	Paul Ruffin, (DTSC)	Sample Digestion and Matrix Spike Acceptance Limits EPA Methods 6010/3050, Southampton Project, Benicia, CA
1/9/98	2	(DTSC)	Office of Planning & Research	Notice of Exemption (NOE): Preliminary Endangerment Assessment (PEA) work plan approval of the Study Area Operable Unit, Braitto Landfill, Benicia
1/9/98	11	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Hazardous Material Laboratory review of metals analyses performed by AEN, Braitto Landfill, Benicia, CA. DTSC-183. Attached are two memos. one from Dr. Myrto Petreas, dated 10/16/97 and the other from Dr. Bart Simmons, dated 10/30/97
1/7/98	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to addendum 5 to Health and Safety plan, Braitto Landfill, Benicia, CA
1/7/98	47	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of draft PEA work plan for the Study Area Operable Unit, Braitto Landfill, Benicia, CA. DTSC-178. Attached are the comments received on PEA work plan and a spreadsheet about the results from comprehensive interviews
1/6/98	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - December 1997, Blake Court/Rose Drive, Southampton, Benicia, CA
12/23/97	3	Bart Simmons, (HML)	Paul Ruffin, (DTSC)	Data Review-Analysis of metals by EPA methods 6010/3050 Southampton Project, Benicia, CA
12/22/97	5	Bill Ryan, (DTSC)	Jim Watson, (Rose Drive)	Reply to his letter re: sign & fence removal activities, Braitto Landfill, Benicia, CA
12/19/97	1	Carolyn Tatoian-Cain, (DTSC)	File	Marsh Area of the Former Solano County Sanitary Landfill.
12/17/97	3	Gary Nance, (Community)	Paul Ruffin, (DTSC)	A list of conditions for methane testing at their home.
12/16/97	3	Myrto Petreas, (HML)	Paul Ruffin, (DTSC)	Review of Braitto data: Comparison of sample digestion techniques
12/16/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - November 1997
12/12/97	6	Jim Marxen, (DTSC)	Jody Sparks, (TAG)	TAG's comment about Hillside Area Report for Braitto Landfill Site.
12/11/97	9	Jody Sparks, (TAG)	Steve DiZio, (DTSC)	Commemoration of conversation of 11/14/97 with Steve DiZio, DTSC/HERD regarding BHRA as it relates to appropriate fencing and signage.

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12/10/97	5	Paul Ruffin, (DTSC)	Joan Eignor at Clifton Court	Hide scrap found in firebreak west of Clifton Court, Benicia, CA
12/9/97	6	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Request for Information, Southampton/Braitto Landfill Project.
12/4/97	6	Cheryl McMillen, (AEN)	Bart Simmons, (HML)	Tables summarizing the results obtained in the comparability study performed at A.E.N.
12/4/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - November 1997
12/4/97	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third Quarter 1997 Indoor Air Sampling conducted in Houses along Rose Drive in the North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
12/3/97	2	Carolyn Tatoian-Cain, (DTSC)	Jerry Marcotte, (DTSC)	Concerns raised by PEAS during 11/18/97 meeting
12/2/97	1	Jody Sparks, (TAG)	Steve DiZio, (DTSC)	Request for information from the database
12/1/97	15	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Correspondence from Jody Sparks to DTSC, 12/1/97; Comments on document titled Hillside Area Report (March 17, Revised 4/30/97), BHRA (10/23/96, Rev. 4/3/97), FS & PHERA (4/18/97, Rev. 5/23/97)
11/28/97	3	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Maintenance Report: Final SOW site maintenance workplan, NCOU & Study Area OU, Benicia, CA
11/26/97	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Internal memo from Steve DiZio dated 10/31/97. DTSC-181. re: Feasibility Study and Public Health Evaluation of Remedial Alternatives, NCOU, Benicia, CA.
11/26/97	80	Peter Collier, (DTSC)	Paul Ruffin, (DTSC)	Summary of DTSC field observations for installation of additional monitoring wells at the Braitto Landfill Tank Removal Area (Log # 12354)
11/26/97	7	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second Quarter 1997 Indoor Air Sampling conducted in Houses along Rose Drive in the North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
11/25/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - October 1997
11/24/97	2	Jim Watson, (Rose Drive)	Bill Ryan, (DTSC)	Sign & Fence Removal Activities, Braitto Landfill, Benicia, CA
11/24/97	3	Ron Baker, (DTSC)	Jerry Marcotte, (DTSC)	Darren Seaton's Press Release: "DTSC says Blake Court fence and sign removal is OK".
11/23/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Request of document
11/21/97	3	Jerry Hayes, (City of Benicia)	Paul Blais, (DTSC)	Work in the City of Benicia approved by agencies
11/21/97	2	Peter Russell, (Russell Resources, Inc.)	Bart Simmons, (DTSC)	Transmittal of raw data, Former Solano County Sanitary Landfill, Benicia, CA
11/21/97	2	Peter Russell, (Russell Resources, Inc.)	Jody Sparks, (TAG)	Review of TAG's memo dated 10/31/97 to DTSC about Braitto investigation
11/21/97	3			Notes regarding meeting about Hillside Area by Paul Ruffin on 11/21/97
11/20/97	7	Bill Ryan, (DTSC)	Otto Giuliani, (City of Benicia)	Removal of hazardous substances warning signs for the Black Material Area & Blake Court Area, Benicia, CA. DTSC-180
11/19/97	1	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Installing screws in the tops of soil gas probe vaults on Blake Court, Benicia, CA
11/18/97	2	Carolyn Tatoian-Cain, (DTSC)	Jerry Marcotte, (DTSC)	Concerns raised by PEAS in 11-18-97 meeting
11/17/97	1	Jerry Marcotte, (DTSC)	Tim Crist, (CIWMB)	Memo to file/contact report: Removal of fence and signs around Black Material Area & Blake Court Area, Benicia, CA
11/17/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - October 1997, Benicia, CA
11/14/97	200	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Third Quarter 1997 Groundwater Monitoring Report, North Canyon Area, Benicia, CA
11/13/97	1	Jerry Marcotte, (DTSC)	Curtis Scott	Memo to file/contact Report: Removal of fence & signs, Blake Court, Benicia, CA
11/13/97	32	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Third Quarter 1997 Standard Observations & Gas Monitoring Report for Blake Court, Benicia, CA
11/9/97	1	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Letter regarding Landscaping activities, Lot 51
11/9/97	2	Peter Russell, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Response to Information Request, Benicia, CA.
11/7/97	25	Paul Ruffin, (DTSC)	Gary Nance, (Rose Drive)	Indoor Air Methane Monitoring Program, Benicia, CA. Attachments: (1) a letter to Peter Russell from Tim Crist dated 10/16/97, (2) a letter to Tim Crist from Paul Ruffin dated 9/30/97
11/6/97	1	Jody Sparks, (TAG)	Heather McLaughlin, (City of Benicia)	Extension of comment deadline for Hillside Report, scheduled meeting with community members on evening of 11/10 or 11/11
11/5/97	2	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Police patrols on Halloween

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11/4/97	2	Otto Giuliani, (City of Benicia)	Bill Ryan, (DTSC)	Removal of hazardous substance area warning sign for the Black Material Area and Blake Court Area, Benicia, CA.
10/31/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	DTSC request for police patrol at Black Materials Area and Black Court Area on Halloween night
10/31/97	2	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Comments on Feasibility Study and Public Health Evaluation of Remedial Alternatives, NCOU, Benicia, CA
10/30/97	153	Jose Luevano, (DTSC)	Paul Ruffin, (DTSC)	Additional Site Assessment of the North Canyon Historical Footprint Area (Lots 86 and 103), Benicia, CA. This is the attachment to DTSC-174
10/30/97	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fencing plan for Parcel C-1 Fill with fragments of refuse, Braitto Landfill Site, Benicia, CA. DTSC-177
10/30/97	2	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Final Baseline Health Risk Assessment for NCOU of Braitto Landfill, Benicia, CA
10/29/97	1	Jerry Marcotte, (DTSC)	Larry Fullington	Memo to File/Contact Report: Braitto Landfill: Signs and protective clothing
10/29/97	22	Paul Ruffin, (DTSC)	Marilyn Bardet, (City of Benicia)	Braitto Landfill site grading and landscaping activities. DTSC-176
10/28/97	1	Jody Sparks, (TAG)	Heather McLaughlin, (City of Benicia)	Schedule of conference call with DTSC regarding removal of hazardous waste signs from Black Materials Area and Blake Court Area
10/28/97	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	A letter with fencing plan for Lots 48 through 51, Former Solano County Sanitary Landfill, Benicia, CA
10/27/97	4	Carolyn Tatoian-Cain, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Information Request for the Former Solano County Sanitary Landfill Site, Benicia, CA
10/27/97	1	Jerry Marcotte, (DTSC)	George Muki	Memo to File/Contact Report: Braitto Landfill: For Worker Complaint
10/27/97	30	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Addendum 5 to Health and Safety Plan, Former Solano County Sanitary Landfill, Benicia, CA
10/26/97	47	Mr. and Mrs. Clement. (Rose drive)	Paul Ruffin, (DTSC)	Comments on Final Hillside Metals Area Report, dated October 3, 1997
10/24/97	3	Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Recent site grading and fence removal activities, Former Solano County Sanitary Landfill, Benicia, CA
10/24/97	28	Paul Ruffin, (DTSC)	Gary Nance, (Community)	Lots 48-51 landscaping activities, Former Solano County Sanitary Landfill, Benicia, CA. DTSC-175
10/23/97	5	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Additional Assessment for the North Canyon Historical Footprint Area (Lots 86 and 103), Former Solano County Sanitary Landfill, Benicia, CA. DTSC-174.
10/23/97	30	Paul Ruffin, (DTSC)	Cathy Turner	Review of selected metal analyses results, Former Solano County Sanitary Landfill, Benicia, CA. DTSC-172
10/23/97	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request for laboratory raw data packages, Former Solano County Sanitary Landfill, Benicia, CA. DTSC-173
10/23/97	21	Paul Ruffin, (DTSC)	Patti Clark/Joe Gartner, (Rose Drive)	Regarding soil sampling activities conducted in early 1995. Attached report is from Jose Luevano to Paul Ruffin dated 10/30/97
10/22/97	1	Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Memo to File/contact Report: Braitto Landfill landscaping activities on Lot 48-51, Benicia, CA
10/22/97	1	Jody Sparks, (TAG)	Jerry Marcotte/Carolyn Tatoian-Cain, (DTSC)	Document reference in draft PEA workplan for Braitto Landfill Project: Shehan field notes
10/22/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - September 1997, for the Blake Court Landfill and the Vicinity, Benicia, CA
10/21/97	4	Claire Best, (DTSC)	Paul Ruffin, (DTSC)	Summary Statement: Final Hillside Area Report
10/20/97	1	Jerry Marcotte, (DTSC)	Irv Grant	Memo to File/Contact Report: Braitto Landfill: Landscaping activities in BMA
10/17/97	1	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Memo of call: Study Area Preliminary Endangerment Assessment Workplan (PEA Workplan)
10/16/97	4	Claire Best, (DTSC)	Paul Ruffin, (DTSC)	Fax transmittal: TAG's letter regarding Hillside Area Report
10/16/97	1	Gary Nance (872 Rose Drive)	Claire Best/P. Ruffin/ C. T. Cain, (DTSC)	Continuing work in Lots 51 and 52 (874 and 876 Rose Drive)
10/16/97	2	Jody Sparks, (TAG)	Cathy Turner, (F.O.R.D.)	Scheduling of meeting with interested community members to review documents
10/16/97	18	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Copy of photo, dated February 1996, of front yard of 876 Rose Drive, Lot 50. Letter regarding complaint filed in 9/12/97 with Dept. of Industrial Relations from George Mukai and response to complaint by Scott McKinlay (GMC)
10/16/97	16	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	CAL-OSHA correspondence concerning 876, Rose Drive. Attached are : 9/19/97 letter from Mukai/Cal-OSHA to Russell(3p); and 10/3/97 response letter from McKinlay/Granite to Mukai(12p)
10/16/97	20	Tim Crist, (CIWMB)	Peter Russell, (Russell Resources, Inc.)	Soil Gas and related Monitoring Programs, Former Solano County Sanitary Landfill, Benicia, CA.

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10/15/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report, September 1997
10/10/97	1	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Memo of call: Study Area Preliminary Endangerment Assessment Workplan (PEA Workplan)
10/9/97	3	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Results of soil sample analysis, HML #s 970285 to 970288
10/8/97	1	Howard Lewis, (Alma Associates)	Carolyn Tatoian-Cain, (DTSC)	A request to DTSC to sent letters to Howard Lewis and Richard Alhona on given address
10/7/97	17	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	(1) Lot 51 surface soil and (2) PEA work plan Electronic file. Former Solano County Sanitary Landfill, Benicia, CA
10/7/97	3	Steve DiZio, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	PEA Workplan for the Study Area Operable Unit, Benicia, CA
10/6/97	3	Claire Best, (DTSC)	Paul Ruffin, (DTSC)	Fax from Darren Seaton to Claire Best regarding "Hillside Report Concludes No Health Risk" by Granite Management Corporation
10/6/97	3	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Re: Transmittal of October 3, 1997 Hillside Area Report, North Canyon Operable Unit, Benicia, CA
10/4/97	2	Claire Best, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Faxed a letter from Peter Russell (RRI) to Jerry Marcotte(DTSC) dated 9/30/97 with the copy of label of diskette regarding PEA work plan test dated 9/26/97
10/4/97	4		Paul Ruffin, (DTSC)	Fact Sheet: October 1997: Braitto Landfill Site - Study Area Preliminary Endangerment Assessment Work Plan
10/4/97	1	Jerry Marcotte, (DTSC)	File	Memo to File/contact Report: Peter Russell called Jerry Marcotte regarding Blake Court, Benicia, CA
10/3/97	5	Bill Ryan, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of landscaping activities; recent site grading and fence removal activities, Former Solano County Sanitary Landfill, Benicia, CA. DTSC-171
10/3/97	1	Carolyn Tatoian-Cain, (DTSC)	File	Summary of supplemental interview with Ray Shehan on April 18, 1997
10/3/97	2	Carolyn Tatoian-Cain, (DTSC)	File	File review at Solano County Dept. of Environmental Management
10/3/97	5	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Fax transmittal. a memo from Renee Kalmes dated 10/3/97
10/3/97	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Hillside Area Report. North Canyon Operable Unit, Benicia, CA - Volume I
10/3/97	250	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Hillside Area Report, North Canyon Operable Unit, Benicia, CA - Volume II
10/3/97	1	(DTSC)	Community	FLYER: This flyer is to inform the residents of Benicia of the availability of the draft PEA work plan for the Study Area within the Braitto Landfill Site, Benicia, CA
9/30/99		Daniel Easter, (EMCON)	(Granite Management Corp.)	Storm Water Pollution Prevention Plan, Southampton Hills Development, Units D-6 and D-7. Solano County, CA
9/30/97	18	Paul Ruffin, (DTSC)	Tim Crist, (CIWMB)	Soil gas and related monitoring programs, Former Solano County Sanitary Landfill, Benicia, CA
9/30/97	18	Paul Ruffin, (DTSC)	Tim Crist, (CIWMB)	Comments on quarterly soil-gas monitoring reports for 1996; Response to Granite's proposed changes to soil-gas and related monitoring programs and additional investigations for methane
9/30/97	1	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Former Solano County Sanitary Landfill -- Consent Order Docket No. 94/95-004
9/26/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Preliminary Endangerment Assessment Work Plan for the Study Area Operable Unit.
9/26/97	4	Myrto Petreas, (HML)	Paul Ruffin, (DTSC)	Review of NCOU data and Hillside data
9/24/97	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Heather McLaughlin, (City of Benicia)	Correspondence about Blake Court activities
9/23/97	3	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Receipt of soil sample analysis for HML # 970285 to 970288, Lot 51-1B to 4A
9/22/97	3	Mark Cameron, (DTSC)	Jerry Marcotte, (DTSC)	Braitto Landfill weed abatement and landscaping maintenance worker safety training requirements
9/19/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Update on projected date for distribution of draft Study Area Preliminary Endangerment Assessment work plan and advisement of projected date for distribution of the Hillside Metals Area Final Report, Braitto Landfill project.
9/19/97	3	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Remedial Investigation Report, NCOU, Benicia, CA. DTSC-170
9/19/97	6	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Braitto Landfill site weed abatement and landscaping maintenance. Attached is a scope of work of Blake Court (Lots 48-51) vicinity maintenance activities
9/19/97	5	Peter Russell, (Russell Resources, Inc.)	Heather McLaughlin, (City of Benicia)	Scope of Blake Court vicinity maintenance activities

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9/15/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Former Solano County Sanitary Landfill - Monthly Summary Report - August 1997
9/12/97	1	Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Issued a "Stop work" order -- Orders GMC to stop all landscaping activities
9/12/97	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	9/12/97 letter from Marcotte/DTSC to Russell/RRI for Granite re: Stop Work Order, Braitto Landfill Site
9/12/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report -- August 1997
9/11/97	1	Heather McLaughlin, (City of Benicia)	Margaret Dollbaum, (Folger-Levin-Kahn)	Concern about the Blake Court Area, Benicia, CA
9/11/97	1	Jerry Hayes, (City of Benicia)	Peter Russell, (Russell Resources, Inc.)	Meeting with the Rose Drive/Arsenal council committee
9/11/97	2	Bill Ryan, (DTSC)	Jody Sparks, (TAG)	Response to recent memo dated August 11, 1997 regarding the former Braitto Landfill
9/9/97	9	Paul Ruffin, (DTSC)	Myrto Petreas, (HML)	Comparative Review of Braitto Data, Braitto Landfill. Attached is a memo to Paul Ruffin from Myrto Petreas dated 6/6/97
9/8/97	2	Caroline Rudolph, (DTSC)	Paul Ruffin, (DTSC)	Field and Laboratory Procedures Manual for Investigation/Remedial Activities at the Former Solano County Sanitary Landfill Benicia, CA. Revision through July 10, 1996
9/8/97	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Revision 4 of the Field and Laboratory Procedures Manual, Former Solano County Sanitary Landfill, Benicia, CA. Attached is a memo to Paul Ruffin from Caroline Rudolph dated 9/8/97
9/8/97	2	Paul Ruffin, (DTSC)	Jerry Marcotte, (DTSC)	Activities in Black Material Area
9/4/97	3	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Correspondence from Jerry Hayes, City of Benicia, to Scott McKinlay, Granite Management Corporation, 8/25/97
9/2/97	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Interim Groundwater Monitoring Program, North Canyon Operable Unit, Benicia, CA . DTSC-168
8/29/97	4	Carolyn Tatoian-Cain, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Information Request for the Former Solano County Sanitary Landfill Site, Benicia, CA
8/25/97	14	Carolyn Tatoian-Cain, (DTSC)	Community	PEA, Braitto Landfill thank you letter for agreeing to be interviewed
8/21/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Receipt of Second Quarter 1997, Groundwater Monitoring Report, North Canyon Area, Benicia, CA dated 8/14/97
8/15/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for July 1997
8/14/97	200	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Second Quarter 1997, Groundwater Monitoring Report, North Canyon Area, Benicia, CA
8/14/97	31	Peter Russell, (Russell Resources, Inc.)	Jody Sparks, (TAG)	Second Quarter 1997 Standard Observations and Gas Monitoring Report for Former Solano County Sanitary Landfill, Blake court portion, Benicia, CA
8/13/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly Field Inspection Report - July 1997, for the Blake Court Landfill and Vicinity, Benicia, CA
8/11/97	3	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Tank Area investigation and removal action; Transmittal of memo from Dan Schiada, Public Works Department, to Jody Sparks, TAG, dated 8/7/97 and attached map
8/4/97	1	Steve DiZio, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	PEA Study Area
7/24/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Blake Court/Rose Drive - Weekly Field Inspection Report - June 1997, Benicia, CA
7/22/97	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - June 1997
7/21/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Blake Court/Rose Drive, Weekly Field Inspection Report - May 1997
7/18/97	3	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Braitto Landfill Site/Lot 50: Sample disposal - HML # 960931 to 960935; 960954 to 960956. NCOU - HML # 960612 to 960708
7/16/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth Quarter 1996 Analytical Report for Soil-Gas Samples, NCOU
7/16/97	1	Jody Sparks, (TAG)	Heather McLaughlin, (City of Benicia)	Southampton/Braitto Landfill Project; Regulatory authority regarding cleanup; scheduling of conference call
6/27/97	4	Jerry Hayes	Paul Blais, (DTSC)	Regarding Southampton/Braitto Project cleanup issues
6/24/97	6	Renee Kalmes	Paul Ruffin, (DTSC)	Response to comments on: Approval of Baseline Health Risk Assessment, NCOU, Benicia, CA, dated May 5, 1997, prepared by Paul Ruffin at DTSC
6/20/97	1	Carolyn Tatoian-Cain, (DTSC)	File	Interview with Wes Sponsler
6/19/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First quarter (1997) indoor air sampling conducted on Rose Drive in the NCOU.
6/19/97		Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	First and second quarter (1997) indoor air sampling conducted on Rose Drive in the NCOU.

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6/18/97	2	Jerry Hayes	Paul Blais, (DTSC)	Regarding the meeting with the Benicia City Council's subcommittee on Rose Drive, on Monday, June 30, 1997 at 9 AM, in Sacramento.
6/18/97	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First Quarter 1997 Indoor Air Sampling Conducted in Houses along Rose Drive in the North Canyon Area, Benicia, CA
6/16/97	300	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third Quarter 1996 Analytical Results for Soil-Gas and Utility-Gas Samples, NCOU, Benicia, CA
6/13/97	5	Paul Blais, (DTSC)	Mayor Jerry Hayes	Reply to Jerry Hayes correspondence dated, May 23rd, 1997
6/12/97	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Draft Work Plan to conduct a Preliminary Endangerment Assessment, Study Area Operating Unit, Benicia, CA.
6/12/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for May 1997
6/10/97	1			Braitto Landfill Site Update - June 1997
6/9/97	33	Orchid Kwei	Heather McLaughlin, (City of Benicia)	DTSC response to Public Records Act request dated 5/23/97 pertaining to Braitto Landfill in Benicia. Attached are copies of records requested
6/6/97	3	Myrto Petreas, (HML)	Paul Ruffin, (DTSC)	Review of Hillside and NCOU data
6/2/97	1	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Letter of document transmittal
5/30/97	12	Marilyn Bardet, (F.O.R.D.)	Loretta Barsamian, (RWQCB)	Second iteration to replace letter submitted by deadline of May 29, 1997. Comments on Tentative order for the Site Cleanup Requirements for the Blake Court Landfill, Benicia, CA
5/29/97	3	Claire Best, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Letter from Heather McLaughlin (City Attorney) to Jesse Huff, Director, dated May 23, 1997
5/29/97	45	Jerry Hayes, (City of Benicia)	Loretta Barsamian, (RWQCB)	Tentative Order: Adoption of Site cleanup requirements for GMC Southampton Project, Blake Court Class III Landfill, North Canyon, Benicia, CA
5/29/97	23	Marilyn Bardet at Community	Loretta Barsamian, (RWQCB)	Comments on Tentative Order for Site Cleanup Requirements for the Blake Ct. Landfill, Benicia, CA. Attached is a commentary on FS/PHERA document submitted to Paul Ruffin at DTSC on F.O.R.D.'s preferred remedial alternatives for the NCOU.
5/29/97	1	Orchid Kwei	Heather McLaughlin, (City of Benicia)	Public Records Act request pertaining to Braitto Landfill in Benicia, dated May 23, 1997.
5/29/97	8	Richard Lubin	Loretta Barsamian, (RWQCB)	FAX letter: Tentative Order - Blake Court, Benicia, CA
5/28/97	5	C. Turner	Loretta Barsamian, (RWQCB)	Tentative Order from RWQCB
5/28/97	107	Community	Loretta Barsamian, (RWQCB)	Petition circulated by F.O.R.D. in support of City of Benicia Resolution No. 97-70 and problem with RP-financial petition drive which does not support Blake Court cleanup or City cleanup resolution
5/28/97	2	Florence Clement & Charles Clement	Loretta Barsamian, (RWQCB)	Designation of the Regional Water Quality Control Board (RWQCB) as a lead agency for the Braitto Landfill remediation
5/28/97	3	Lorraine Scialabba	Loretta Barsamian, (RWQCB)	Braitto Landfill issue
5/28/97	2	Silvio & Susy Verbis	John Robertson, (RWQCB)	Designation of the RWQCB as the lead agency for the Braitto Landfill
5/27/97	5	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Draft Work Plan to conduct a Preliminary Endangerment Assessment, Study Area Operating Unit, Former Solano County Sanitary Landfill
5/27/97	1	Ed and Maria Padrones & Family	John Robertson, (RWQCB)	Responsibility for the cleanup of the Rose Drive/Braitto Landfill
5/27/97	1	J. F. Flanagan	Loretta Barsamian, (RWQCB)	Braitto Landfill project suddenly shifted from DTSC to the RWQCB
5/27/97	2	L. T. Fullington	Loretta Barsamian, (RWQCB)	Braitto Landfill cleanup
5/26/97	1	Richard Bortolozzo	John Robertson, (RWQCB)	Braitto Landfill investigation
5/23/97	1	Heather McLaughlin, (City of Benicia)	John Robertson, (RWQCB)	Time for Hearing the Proposed Tentative Order on Blake Court
5/23/97	3	Heather McLaughlin, (City of Benicia)	Loretta Barsamian, (RWQCB)	Request for the copies of Public Records
5/23/97	2	Jerry Hayes	Pete Wilson, Maurice Johannessen, Helen Thomson	A letter to Governor Wilson, Senator Johannessen & Assembly women Thomson from Jerry Hayes regarding the proposed Tentative Order about the clean-up of the Blake Court/Black Materials Area of the Braitto Landfill.
5/23/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Advance copy of 5/21/97 Community Newsletter, Issue VII
5/23/97	3	Peter Russell, (Russell Resources, Inc.)	John Robertson/Loretta Barsamian, (RWQCB)	Copy to Paul Ruffin about Southampton, Benicia, CA - Blake Court/Rose Drive, weekly field inspection report - April 1997

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5/23/97	3	Ross Sagun	Loretta Barsamian, (RWQCB)	Designation of the Regional Water Quality Control Board. Attached is a copy to John Robertson, dated 5/23/97
5/23/97	10	Ted Splitter. (LFR)	Paul Ruffin, (DTSC)	Response to DTSC comments on FS/PHERA, NCOU, Benicia, CA, dated April 18, 1997
5/22/97	2	Jody Sparks. (TAG)	Jerry Marcotte, (DTSC)	Clarification of continuance of Braitto Landfill committee meetings
5/20/97	1	Kitty Griffin	(RWQCB)	Closure Order for Southampton/Granite's hazardous waste sites in Benicia
5/19/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Receipt of document titled First Quarter 1997 Groundwater Monitoring Report, NCOU, Benicia, CA, Russell Resources Inc., 5/14/97
5/19/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Notification of distribution of incomplete document titled Community Contingency Plan for the Vicinity of Blake Court, Pursuant to RWQCB order 97 - (Tentative Order dated 5/12/97), Benicia, CA. Levine-Fricke-Recon, 5/14/97
5/19/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Hillside Metals Area: Formal notification of conversation with Charles Clement, 916 Rose Drive on 5/12/97 of the discovery of-buried metal debris in his front yard
5/19/97	2	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Report on Investigation and Removal Actions in the Tank Area, Benicia, CA. Rev-1, dated April 10, 1997
5/16/97	3	Claire Best, (DTSC)	Tom Busfield	Braitto Landfill site public participation activities, Response to the letter dated May 8, 1997
5/15/97	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Former Solano County Sanitary Landfill - Monthly Summary Report - April 1997
5/15/97	0	Phyllis Fox, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Complete copy of the files from Harding-Lawson Associates
5/14/97	221	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	First Quarter 1997, Ground Monitoring Report, North Canyon Area, Benicia, CA
5/14/97	59	Ted Splitter, (LFR)	John Robertson, (RWQCB)	Health and Safety Plan for the Vicinity of Blake Court Pursuant to Regional Water Quality Control Board Order 97 - , (Tentative Order dated May 12, 1997). Benicia, CA
5/14/97	68	Ted Splitter, (LFR)	John Robertson, (RWQCB)	Community Contingency Plan for the Vicinity of Blake Court Pursuant to Regional Water Quality Control Board Order 97 - , (Tentative Order dated May 12, 1997). Benicia, CA
5/14/97	30	Ted Splitter, (LFR)	John Robertson, (RWQCB)	Transportation Plan for the Vicinity of Blake Court Pursuant to Regional Water Quality Control Board Order 97 - , (Tentative Order dated May 12, 1997). Benicia, CA
5/13/97	58	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Report of analytical results for John Robertson from Todd Albertson at Caltest Analytical Laboratory
5/12/97	6	Curtis Scott, (SFBRWQCB)	Peter Russell, (Russell Resources, Inc.)	Notice of Tentative Order for Site cleanup requirements for the Blake Court Landfill, GMC, Benicia, Solano County, from San Francisco Bay Regional Water Quality Control Board
5/12/97	15	Curtis Scott, (SFBRWQCB)	Peter Russell, (Russell Resources, Inc.)	Notice of Tentative Order for Site cleanup requirements requiring the removal of waste outside the closed Blake Court Landfill, Benicia, CA
5/12/97	31	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Attachments document the completion of the first quarter 1997 monthly standard observations & gas monitoring field measurements for Blake Court, Benicia, CA
5/9/97	49	Laszlo Saska	Paul Ruffin, (DTSC)	Comments on the FS/PHERA, NCOU, by Levine-Fricke-Recon, dated April 18, 1997
5/9/97	21	Paul Blais, (DTSC)	Loretta Barsamian	Recommended remedial alternatives Benicia, CA dated 5/9/97. Attached is a letter to Scott McKinlay from Curtis T. Scott about Notice of Tentative Order for Blake Court Landfill
5/9/97	8	Paul Blais, (DTSC)	Loretta Barsamian, (RWQCB)	Recommended remedial alternatives for consideration by the SFB-RWQCB for inclusion in any cleanup and abatement order which the SFB-RWQCB may issue for the site
5/9/97	155	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of FS/PHERA, NCOU. Attached is the comments on the sections concerning Black Material Area Feasibility Study. Public comments on Revised FS/PHERA. Public comments on Draft FS/PHERA (DTSC-166)
5/9/97	3	Peter Russell, (Russell Resources, Inc.)	Otto Giuliani	Comments submitted on behalf of City of Benicia by Toxics Assessment Group. Attached is a copy of letter to Mr. Giuliani and Ms. Sparks from Peter Russell, dated Oct. 25, 1996
5/8/97	4	Jerry Hayes	City of Benicia	Resolution No. 97-70: A Resolution of the City Council of the City of Benicia establishing an official policy for remediation of the Braitto Landfill/Rose Drive waste sites except for the Hillside Area.
5/8/97	7	Jerry Marcotte, (DTSC)	Val Siebal, (Site Designation Committee)	Termination of the application for the DTSC to act as the administering agency to oversee the Former Solano County Landfill, Benicia, CA - AB 2601. Encloses Letter from Scott McKinlay to Paul Blais dated 5/8/97

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5/8/97	19	Jody Sparks, (TAG)	Jerry Marcotte/Paul Ruffin. (DTSC)	Comments on document titled FS/PHERA, NCOU, Levine-Fricke-Recon & Chemrisk, 4/18/97
5/8/97	5	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Southampton/Braitto Landfill Project; Transmittal of City of Benicia, Resolution 97-70
5/8/97	5	Julio A. Salinas	Paul Ruffin, (DTSC)	Final Review of the response to comments on the Draft Feasibility and Public Health Evaluation of Remedial Alternatives for the Braitto Landfill Site. NCOU, dated April 25, 1997
5/8/97	3	Peter Russell, (Russell Resources, Inc.)	Paul Blais, (DTSC)	Cal EPA Site Designation Committee Resolution 95-18 - AB 2061. Requests that the designation of DTSC be terminated. Attached is the Site Designation Committee Resolution 95-18, August 1, 1995
5/8/97	5	Tom Busfield	Paul Ruffin, (DTSC)	General Comments on document titled FS/PHERA, NCOU by Levine-Fricke-Recon & Chemrisk, dated 4/18/97
5/7/97	2	Jerry Hayes, (City of Benicia)	Paul Ruffin, (DTSC)	Regarding Resolution 97-70 of the City of Benicia about the remediation of the Braitto Landfill/Rose Drive Area
5/7/97	2	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Commemoration of discussion on 5/5/97 regarding Appendix D titled Draft Remedial Design Report, NCOU, Benicia, CA, dated 4/19/96. of document titled FS/PHERA, Benicia, CA, Levine-Fricke-Recon, dated 4/18/97
5/7/97	4	John Hart/Bal Lee	Paul Ruffin, (DTSC)	Comments on the sections concerning Black Material Area Feasibility Study of the FS/PHERA, NCOU, dated 4/18/97
5/7/97	1	Peter Russell, (Russell Resources, Inc.)	Marilyn Bardet	Former Solano County Sanitary Landfill, Hillside Area Report
5/6/97	11	Cathy Turner	Jim Marxen/Claire Best at DTSC	Comments and personal opinions on the FS/PHERA. Attached is the letter to Paul Ruffin from Richard Lubin, dated 4/27/97
5/6/97	5	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Southampton Braitto Landfill Project; Commemoration of conversation of 5/6/97. Attached are the letters to Otto Guiliani from Peter Russell, dated 5/5/97 & 10/25/97
5/6/97	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Comments submitted on behalf of City of Benicia by Toxics Assessment Group. Attached are the letters to Mr. Otto Giuliani from Peter Russell, dated 10/25/96 & 05/05/97
5/5/97	2	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Southampton/Braitto Landfill Project; Definition of a hazardous waste site
5/5/97	61	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Baseline Health Risk Assessment, North Canyon Operable Unit, Benicia, CA. Revision dated April 3, 1997 prepared by ChemRisk for GMC
5/5/97	5	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Baseline Health Risk Assessment; NCOU, Benicia: The Human Ecological Risk Division has reviewed the document prepared by ChemRisk of Alameda, CA, dated October 23, 1996. Revised April 3, 1997 (BHRA)
5/4/97	1	Cathy Turner	Paul Ruffin, (DTSC)	Appendix D, Draft Remedial Design Report, NCOU; Questions regarding a 'new document' that has been added as part of the FS/PHERA, dated 4/18/97
5/4/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	TAG requests clarification from DTSC regarding the Appendix D of the Revised FS/PHERA, dated 4/18/97
5/4/97	2	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Clarification regarding the document titled FS/PHERA, Levine-Fricke-Recon, dated 4/18/97. TAG requests regarding ARARs
5/1/97	50	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comments on document titled Baseline Health Risk Assessment, NCOU, Benicia, CA, ChemRisk, 10/23/96 - Revision: 4/3/97
5/1/97	84	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Review copy of the 4/18/97, FS/PHERA text
5/1/97	3			Fact Sheet, May 1997: Braitto Landfill Site: Comprehensive update of Site activities
4/30/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revision to the March 17, 1997 Remedial Investigation Report, NCOU.
4/27/97	4	Richard Lubin	Paul Ruffin, (DTSC)	Final FS/PHERA Public/Comment
4/25/97	1	Carolyn Tatoian-Cain, (DTSC)	Al Paterson	Files PG&E might have regarding Braitto Landfill Site.
4/25/97	7	Renee Kalmes	Paul Ruffin, (DTSC)	Response to comments on review of the Draft Feasibility Study and Public Health Evaluation of Remedial Alternatives for the Braitto Landfill Site. NCOU, Benicia, CA, dated April 15, 1997
4/25/97	2	Renee Kalmes/Debbi Britton	Paul Ruffin, (DTSC)	Fax coversheet/Attachment: Draft Baseline Health Risk Assessment; North Canyon Operable Unit; A letter to Paul Ruffin from Renee Kalmes, dated 4/25/96
4/23/97	76	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to Draft Hillside Area Report, NCOU, Benicia, CA, dated January 31, 1997 DTSC-163
4/22/97	4	David Chan at OEHA	Paul Ruffin, (DTSC)	Draft Hillside Area Report, NCOU, Benicia, CA, was reviewed, prepared on January 31, 1996. PCA: 12050. Site: 200290
4/22/97	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Schedule for field work for the weeks beginning April 28 and May 5, 1997, investigation in the Tank Area Vicinity, Benicia, CA

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4/21/97	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly Field Inspection Report for the Blake Court Landfill and the Vicinity for March, 1997
4/18/97	1			Braitto Landfill Site: Final FS/PHERA currently under review for the Braitto Landfill Site
4/18/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Feasibility Study and Public Health Evaluation of Remedial Alternatives. NCOU
4/17/97	4	Jacinto Soto at DTSC	Paul Ruffin, (DTSC)	Review of the Draft Hillside Area Report, North Canyon Operable Unit, Benicia, CA., dated January 31, 1997
4/16/97	1	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Braitto Landfill/Hillside Area: Sample disposal, HML # 960361 to 960410
4/16/97	11	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Addendum to response to Draft Feasibility Study and Public Health Evaluation of Remedial Alternatives, NCOU, Benicia, CA. Enclosed is the review comments to Paul Ruffin from Julio Salinas (OEHHA), dated April 15, 1997. DTSC-162
4/16/97	37	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Remedial Investigation Report, NCOU, Benicia, CA, dated March 17, 1997 DTSC-163
4/16/97	35	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Remedial Investigation Report, North Canyon Operable Unit, former Solano County Sanitary Landfill, Benicia, California.
4/15/97		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report - March 1997
4/15/97	1	(DTSC)	Community	Tank Area Update. Discussion of proposed field work for the Tank Area.
4/15/97	5	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	The extensive cleanup required led to low recoveries of some analytes HML #s 960708, 960954-56
4/15/97	7	Julio Salinas at OEHHA	Paul Ruffin, (DTSC)	Review of the Draft Feasibility and Public Health Evaluation of Remedial Alternatives for the Braitto Landfill Site, NCOU, Benicia, CA
4/15/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Former Solano County Sanitary Landfill - Monthly Summary Report, dated March 1997.
4/14/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Southampton/Braitto Landfill Project; TAG received the documents on 4/14/97
4/10/97	1	Jody Sparks, (TAG)	Braitto Landfill Committee Members	Notice of receipt of BHRA and samples database on diskette. Memo urges interested parties to notify DTSC for a personal copy of the electronic database.
4/10/97	4	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Fax transmittal of Granite's press release, "No Health Risk Found in Braitto Investigation".
4/10/97		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revision to the May 6, 1996 Report on Investigations and Removal Actions in the Tank Area
4/10/97	141	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second quarter 1996 analytical results for soil-gas and utility-gas samples, NCOU.
4/9/97	6	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Braitto Landfill Investigation, comments on Final Remedial Investigation Report
4/8/97	1	(DTSC)	Community	Notice of final review of the BHRA
4/8/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Summary of phone call between Jody Sparks and Toni Yosick, City of Benicia regarding receipt of BHRA and RI database.
4/8/97	30	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Correspondence regarding Southampton/Braitto Landfill Project; Comments on RI report, NCOU, Benicia, CA Vol 1-2, Levine-Fricke-Recon, dated 3/17/97. Attached are 1) Comments by F.O.R.D., 2) Comments from Tom Busfield, 3) Comments from Cathy Turner
4/7/97	3	Michael Olson, (Granite Management Corp.)	Community	Community Newsletter published by Granite to provide project information to the people living in the NCOU.
4/4/97	2	Jerry Marcotte, (DTSC)	File	Summary of phone call with Tom Busfield. Mr. Busfield requested an extension on the Remedial Investigation review period and asked for the electronic database from RRI.
4/4/97	19	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC's response to report on "Investigations and Removal Actions East of the Corner of Rose Drive and Oxford Way and West of the Corner of Channing Circle and Clifton Court". DTSC-161 - Final Approval
4/3/97		Renee Kalmes, (Chemrisk)	Paul Ruffin, (DTSC)	Baseline Health Risk Assessment: NCOU
4/3/97	7	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	SVOC soil sample results for HML #'s: 960694-960698 and 960934-960935
4/3/97	7	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Dioxin and Furan Report: DB-5ms results. Split peaks for TCDD and TCDE do not affect the results.
4/1/97	2	Peter Russell, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Request to conduct a file review for the former Solano County Sanitary Landfill Site.
4/1/97				Documents used during interviews for PEA workplan

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3/31/97	158	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	DTSC split sample analytical results for July, August, and September 1996. DTSC-160
3/28/97	19	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	DTSC requested all regulatory entities that are a part of the consultative work group, including the city, provide ARARs to DTSC for the remediation of the Hillside Metals Area
3/28/97	2	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Accessibility to database information related to the investigations that have occurred in the NCOU
3/27/97	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Clarification request regarding availability of data from DTSC co-located/split samples
3/26/97	3	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Metals soil sample results for HML#'s: 960931-960935
3/26/97	3	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Metals soil sample results for HML#'s: 960954-960956
3/26/97	1			Notice that the DTSC has received the final Remedial Investigation Report. Notice provides an address for the public to submit their comments.
3/25/97	3	Cathy Turner	Paul Ruffin, (DTSC)	Comments & personal opinions on the Draft FS/PHERA
3/25/97	17	Macke	Phyllis Fox, (Russell Resources, Inc.)	Russell Resources, PEA, Braitto
3/22/97	13	Phyllis Fox, (Russell Resources, Inc.)	William Macke	Letter to follow up a telephone conversation of March 21, 1997.
3/20/97	4	Paul Blais, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Settlement agreement between Granite Management Co. and DTSC.
3/18/97	4	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request by the DTSC to review Granite's project files.
3/18/97	79	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Department's response to the Draft FS/PHERA. DTSC-159
3/17/97	158	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	ARARs for NCOU
3/17/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	February 1997: Monthly summary report relating to Braitto landfill.
3/17/97	599	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Remedial Investigation Report. NCOU
3/14/97	3	Carolyn Tatoian-Cain, (DTSC)	File	Interview with Mr. Merle Smith on 3/1/97
3/14/97	11	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Comments on the Draft Hillside Area Report. Comments include formal and informal community input.
3/14/97	7	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Comments made on the Draft Hillside Metals Area Report. Includes original FAX transmission. Updated original has editorial corrections made since letter was FAXed.
3/13/97	4	Lynn Baker, (CARB)	Paul Ruffin, (DTSC)	Air pollution ARARs for remediation alternatives for NCOU.
3/13/97	4	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request by the Department to Russell Resources, Inc. for hard copies of all sampling, measurement, and analytical data relating to the Braitto Project. DTSC-158
3/12/97	2	Cathy Turner	Paul Ruffin, (DTSC)	Public response to the Draft Hillside Area report
3/12/97	2	Ed Padrones, Resident of Rose Drive	Paul Ruffin, (DTSC)	Response to executive summary of "Draft Hillside Metals Area Report, NCOU"
3/12/97	1	Francis T. Lagrimas, Resident of Rose Drive	Paul Ruffin, (DTSC)	Hillside Metals Area clean-up
3/12/97	2	Greg Imazu	Paul Ruffin, (DTSC)	Comments made on the Hillside Metals, Draft Baseline Health Risk Assessment.
3/12/97	6	Paul Blais, (DTSC)	Richard Lubin	No further soil borings are required in the Blake Court Area for the purposes of the feasibility study and health risk assessment.
3/12/97	3	Paul Blais, (DTSC)	Lew and Pat Pressgrove	Response to letter of concern sent by Lew and Pat Pressgrove
3/12/97	5	Paul Ruffin, (DTSC)	Braitto Landfill Committee Members	Request by the DTSC to the BLC members for ARARs for the Draft FS/PHERA and Draft Hillside Area Report. DTSC-157
3/12/97	2	Tom Busfield	Paul Ruffin, (DTSC)	Comments on document titled Draft Hillside(Metals) Area Report, NCOU, Benicia, CA, by Levine-Fricke-Recon & ChemRisk dated 1/31/97
3/11/97	4	Cathy Turner	Paul Ruffin, (DTSC)	Public Response to the Final Report for Hides and Tires. Attached is the letter from Larry Fullington, dated 3/8/97
3/11/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	February 1997 report for weekly field inspections in the Blake Court and Rose Drive area.
3/11/97	3	Silvio A. Verbis, Jr.	Paul Ruffin, (DTSC)	Comments made on the Draft Hillside Metals Area Report.
3/10/97	5	Residents of Braitto Footprint	Paul Ruffin, (DTSC)	Comments on the Draft Hillside Metals Area (HMA) Report. Comments on the Department's responsibility and the Hillside Metals Area's future

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3/8/97	3	Lawrence Fullington	Paul Ruffin, (DTSC)	Report on investigation and removal actions-Rev 2/14/97 (Tires and Hides). Attached is a letter to Paul Ruffin from Tom Busfield dated 3/12/97
3/7/97	4	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Laboratory analyses on HML Samples: 960660 to 960690.
3/6/97	1	Carolyn Tatoian-Cain, (DTSC)	File	Response to DTSC request to review Granite's files
3/6/97	2	Renee Kames, (Chemrisk)	Steve DiZio, (DTSC)	Excavation scenario evaluation for soils in Area 1 of the NCOU.
3/5/97	6	Paul Blais, (DTSC)	Jody Sparks, (TAG)	Letter to Jody Sparks clarifying the boundaries of the Study Area.
3/5/97	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of Tank Area Work Plan. DTSC-156
3/5/97	2	Richard Lubin	Paul Ruffin, (DTSC)	Responsible parties must be forced to perform a total removal of contaminated soils at the Braitto site.
3/5/97	4	Richard Lubin	Paul Ruffin, (DTSC)	Formal request for all written and verbal communications and documents pertaining to the Tires and Hides Area be included in the final report
3/4/97	2	Carolyn Tatoian-Cain, (DTSC)	File	File review at City of Benicia, files related to the former Solano County Sanitary Landfill PEA.
3/4/97	5	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Presentation outline for F.O.R.D.'s "Preferred Remedial Alternatives for Clean-up of Rose Drive Neighborhoods in North Canyon" speeches.
3/4/97	1	Marilyn Bardet, (F.O.R.D.)	Community	Pamphlet informing community of March 4th City Council meeting.
3/4/97	5	Paul Ruffin, (DTSC)	Tom Busfield	DTSC inspected samples collected by ChemRisk in the area adjacent to Tom Busfield's retaining wall. Preliminary investigations indicate that samples would be defined as Blake Court refuse.
3/3/97	6	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Draft Hillside Area Report - North Canyon Operable Unit, Benicia, CA. Document submitted to accompany other investigation draft documents. dated Jan. 31, 1997. Levine-Fricke-Recon & ChemRisk.
2/28/97	11	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Recommendations made by Friends of Rose Drive for clean-up of NCOU. Comments made on FS/PHERA.
2/28/97	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to letter requesting relocation of fence behind lot 20, Hillside area.
2/28/97	1	Tim Crist, (CIWMB)	Paul Ruffin, (DTSC)	Comments made on the Draft FS/PHERA with regard to soil gas issues.
2/27/97	1	Mary Iaconelli	Paul Ruffin, (DTSC)	Letter requesting finalization of clean-up at Blake Court site.
2/26/97	4	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Laboratory analyses on HML samples: 960660 to 960690.
2/26/97	13	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments made by TAG on the Draft FS/PHERA.
2/26/97	2	Lawrence Fullington	Paul Ruffin, (DTSC)	Draft Feasibility Study/Public Health Evaluation of Remedial Alternatives
2/26/97	2	Silvio Verbis Jr.	Paul Ruffin, (DTSC)	Draft FS/PHERA
2/26/97	6	Tom Busfield	Paul Ruffin, (DTSC)	Comments made regarding the Draft FS/PHERA
2/26/97	2			Hillside Metals Area factsheet.
2/25/97	1	Marilyn Bardet, (F.O.R.D.)	Paul Ruffin, (DTSC)	Invitation from F.O.R.D. to attend their presentation of preferred alternatives for site clean-up in Rose Drive neighborhoods.
2/25/97	8	Richard Lubin	Paul Ruffin, (DTSC)	Comments on FS/PHERA.
2/24/97	1	Florence & Charles Clement	Paul Ruffin, (DTSC)	Comments on FS/PHERA.
2/23/97	1	Jim & Kathy Watson	Paul Ruffin, (DTSC)	FS/PHERA Comments.
2/23/97	1	Newspaper	Public	Benicia Herald: Public notice of final Tires & Hides Report.
2/21/97	2	Hazardous Materials Laboratory	Carolyn Rudolph, (DTSC)	Requests permission to dispose of SCL-2622.
2/21/97	1	Janice Wakakuwa, (HML)	Jose Luevano, (DTSC)	Samples(Nos. 14912-14914) were submitted to HML under authorization number on 1995-08-25. Signature needed to authorize sample disposal
2/21/97	3	Phyllis Fox, (Russell Resources, Inc.)	Dave McCoster, (Independent Construction)	Letter to independent construction requesting an interview with field superintendent present at Braitto Landfill site in the 1980's.
2/20/97	2			Hillside Metals Area Fact sheet
2/19/97	5	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Laboratory analyses on HML samples: 960637 to 960693.
2/19/97	12	Phyllis Fox, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	List of status summaries for members of final interview list submitted on 2/3/97.
2/19/97	18			Agenda and handouts for 2/19/97 BLC meeting.
2/19/97	5			Sign-in sheets from FS/PHERA workshop and comments made by Joe Gartner.

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2/19/97	1			Final Tire and Hides Area Report currently under review for the Braitto Landfill Site
2/19/97				Agenda and overheads used for community workshop concerning Draft Feasibility Study and Public Health Evaluation of Remedial Alternatives Workshop.
2/18/97	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for January 1997
2/17/97	34	Phyllis Fox, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Final PEA interview questions.
2/17/97	4	Richard Lubin	Paul Blais, (DTSC)	Response to 2/14/97 letter: demands made in 1/20/97 and 1/31/97 letters.
2/14/97	34	Carolyn Tatoian-Cain, (DTSC)	Phyllis Fox, (Russell Resources, Inc.)	Corrections to PEA interview questions
2/14/97	4	Paul Blais, (DTSC)	Richard Lubin	Response to demands in 1/20/97 and 1/31/97 letters.
2/14/97	2	Paul Blais, (DTSC)	Jerry Hayes, (City of Benicia)	Designates Jerry Marcotte as sole contact at DTSC for City and its consultants.
2/14/97	4	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Request for information re: private groundwater well restrictions in City of Benicia.
2/14/97	50	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revisions and additional volume (III) of Report on Investigations and Removal Actions in Tires and Hides Area dated 4/23/96
2/13/97	75	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Fourth Quarter Groundwater Monitoring Report
2/13/97	34	Phyllis Fox, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Proposed PEA interview questions.
2/12/97	1	Paul Anderson (City of Benicia)	Carolyn Tatoian-Cain, (DTSC)	List of contact persons for onsite review of files in connection with PEA.
2/12/97	14	Peter Russell, (Russell Resources, Inc.)	Jerry Marcotte, (DTSC)	Documents establishing land use restrictions for Braitto site. Hopes to establish that BHRA excavation scenarios are adequate.
2/12/97	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection report for Blake Court for December 1996
2/12/97	1	Peter Russell, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	Granite does not object to the use of aerial maps as visual aids for PEA interviews.
2/12/97	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	January 1997 report for weekly field inspections in the Blake Court and Rose Drive area.
2/12/97	15	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Fourth Quarter 1996 Standard Observations and Gas Monitoring Report.
2/11/97	2	Carolyn Tatoian-Cain, (DTSC)	Phyllis Fox	Interview questions were due on 2/7/97 and are now late. Please submit now.
2/11/97	1	Jerry Marcotte, (DTSC)	File	Phone call with John Robertson: prohibition of excavations on Blake Court.
2/11/97	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Proposal to relocate chain-link fence behind Lot 20.
2/10/97	2	Claire Best, (DTSC)	Community	Announcement for Hillside Area Workshop on 2/25/97
2/7/97	4	Cathy Turner	Paul Ruffin, (DTSC)	Comments on BHRA
2/6/97	13	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Lab results for HML numbers: 960700, 960701, 960702, and 960706. GC/MC, % Dry solids determination
2/6/97	3			BLC meeting sign-in sheets for 2/6/97.
2/6/97	15			Agenda packet for 2/6/97 BLC meeting
2/5/97	1	Paul Ruffin, (DTSC)	Consultative Workgroup	Braitto Landfill consultative workgroup meeting will be 2/24/97 9am-2pm
2/5/97	2	Richard McMurtry, (RWQCB)	Paul Ruffin, (DTSC)	Review and conditional approval of Tank Area workplan.
2/5/97	3	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Lead spread runs were left out of response to BHRA
2/4/97	70	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to Draft RI Report - Call for revisions. DTSC-155
2/3/97	5	Carolyn Tatoian-Cain, (DTSC)	Phyllis Fox	Final list of PEA interviewees.
2/3/97	1	Hazardous Materials Laboratory	Jose Luevano, (DTSC)	Braitto Landfill (aka. Southampton) : Sample Disposal. HML#s 950928 to 950929
2/3/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Requests clarification on Hillside Area Report's relation to RI and BHRA
2/3/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Fax memo requesting clarification of the Draft Hillside Area Report, Draft BHRA, and the Draft FS/PERA.
2/1/97	2	(Granite Management Co.)	Community	Community Newsletter Volume V
1/31/97	4	Jesse Huff, (DTSC)	Mr. and Mrs. Pressgrove	Response to letter to Governor Wilson: Braitto Landfill site.
1/31/97	100	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to Draft BHRA - call for revisions. DTSC-154

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1/31/97	4	Richard Lubin	Paul Blais, (DTSC)	Follow up to 1/20/97 letter re: demands about Braitto landfill and Granite Management Co.
1/31/97	100	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Draft Hillside Area Report Volume 1. Table and figures removed to complete Hillside Area Report Volume I, dated October 3, 1997
1/31/97	100	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Draft Hillside Area Report Volume 2. Updated to complete Hillside Area Report Volume II, dated October 3, 1997
1/30/97	1	Tim Crist, (CIWMB)	Paul Ruffin, (DTSC)	Comments on Draft RI
1/29/97	1	Paul Blais, (DTSC)	Jody Sparks, (TAG)	Response to questions on voicemail concerning Consent Order
1/28/97	13	Hazardous Materials Laboratory		Case Narrative for HML Southern California #'s 16187-94, 16203-06
1/28/97	4	Jerry Marcotte, (DTSC)	Paul Blais, (DTSC)	Summary of all bills and payments on the Braitto Project. Includes summary of other agencies billings.
1/27/97	315	Robert McFarlane, (Folger-Levin-Kahn)	Phyllis Fox, (Russell Resources, Inc.)	Approximately 315 pages of documents from a file review
1/24/97	12	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-152 Response to draft report on investigations and removal actions in the Tank Area.
1/23/97	2	Claire Best, (DTSC)	Braitto Landfill Committee Members	Announcement and draft agenda for 2/6/97 BLC meeting.
1/23/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Third request for a consultative workgroup meeting.
1/23/97	2	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for quarterly soil-gas sampling and monthly indoor air monitoring.
1/22/97	1	Community	Jody Sparks, (TAG)	Relief voiced over the finding of no significant health risk by the BHRA.
1/22/97	15	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments on BHRA
1/22/97	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth quarter 1996 indoor air sampling results.
1/22/97	2	Tom Busfield	Paul Ruffin, (DTSC)	Comments on BHRA
1/21/97	1	Community	Jody Sparks, (TAG)	Relief voiced over the finding of no significant health risk by the BHRA.
1/21/97	1	Community	Jody Sparks, (TAG)	Mr. Bortolazzo urges the facts in this case to speed up the closure of this project.
1/21/97	11	Jane Williams (CCAT)	Paul Ruffin, (DTSC)	Comments on BHRA
1/21/97	2	Paul Anderson (City of Benicia)	Carolyn Tatoian-Cain, (DTSC)	Status of DTSC's file review request for Study Area PEA
1/20/97	7	Richard Lubin	Paul Ruffin, (DTSC)	Additional comments on BHRA
1/20/97	4	Richard Lubin	Paul Blais, (DTSC)	Comments and demands for DTSC re: BHRA
1/20/97	3			FS/PHERA Factsheet
1/17/97	90	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Lab results for HML #'s 960612-708
1/15/97	1	Jerry Marcotte, (DTSC)	File	Memo to file re: phone call with Tom Busfield re: dioxin results and BHRA database availability.
1/15/97	1	Marilyn Bardet	Paul Ruffin, (DTSC)	BHRA database problems
1/14/97	11	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Lab report for HML #'s 960684-686
1/14/97	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for December 1996
1/13/97	1	Jan Cox-Golovich	Paul Ruffin, (DTSC)	Follow up on comments and questions posed at BHRA workshop/open house.
1/13/97	1	Jody Sparks, (TAG)	Community Members	Informs them that deadline for public comment period on BHRA has been extended until 1/22/97.
1/13/97	3	Marilyn Bardet	Paul Ruffin, (DTSC)	Addendum to BHRA comments re: extension of deadline for comments.
1/10/97	1	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Braitto Landfill/Hillside Area: Sample disposal
1/10/97	4	Pamela Zimba, (Russo, Weintraub, Bellia, and Morton)	Paul Ruffin, (DTSC)	Comments on BHRA
1/10/97	8	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC 153 - Additional comments inadvertently left out of initial comment letter on FS/PHERA Workplans.
1/9/97	5	Carolyn Tatoian-Cain, (DTSC)	Phyllis Fox, (Russell Resources, Inc.)	Proposed list of interviewees for Study Area PEA
1/9/97	2	Lawrence Fullington	Paul Ruffin, (DTSC)	Comments on BHRA
1/9/97	8	Marilyn Bardet	James Strock, (Cal/EPA)	Comments on BHRA
1/9/97	1	Marilyn Bardet	Paul Ruffin, (DTSC)	Addenda to BHRA comments re: letter addressed to James Strock
1/9/97	100	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First quarter 1996 Analytical Results for Soil-gas and Utility-gas samples.
1/8/97	1	Claire Best, (DTSC)	Braitto Landfill Committee Members	Next BLC Meeting will be on February 6, 1997 at 2:00pm in Benicia Public Library

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1/8/97	2	Jerry Hayes, (City of Benicia)	Paul Blais, (DTSC)	Request for extension of BHRA comment deadline.
1/8/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Questions: Revised WP for Additional Surface and Subsurface Investigation Hillside Area.
1/8/97	9	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Task lists and cost breakdowns for NCOU's: Black Material, Blake Court, and General.
1/7/97	3	Orchid Kwei, (DTSC)	Margaret Dollbaum, (Folger Levin and Kahn)	Response to letter of 12/6/96: distribution of copyrighted material: is allowed under Consent Order and Public Records Act.
1/7/97	13	Steve DiZio, (DTSC)	Tom Busfield	Copies of Federal Guidance for RI/FS process per your request.
1/6/97	6	Paul Ruffin, (DTSC)	BHRA Workshop Attendees	Errata to BHRA Workshop. Stephen DiZio's memo attached and dated 12/18/96.
1/5/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Requests clarification re: Comments submitted on FS/PHERA workplans.
1/5/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request for DTSC's split sample lab data results.
1/5/97	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Wants to know status of scheduling Consultative Workgroup meeting
1/3/97	2	Florence and Charles Clement	Paul Ruffin, (DTSC)	Comments on BHRA
1/2/97	3	April Fontaine, (DTSC)	Jody Sparks, (TAG)	Clarification on information request to City of Benicia: lot numbers in question.
1/1/97	5	Katie Daly, (EIM for Granite)	Claire Best, (DTSC)	Community newsletter published by Granite
12/31/96	9	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Lab reports for HML #'s 960612-960708
12/24/96	2	Richard Keenan, (Folger, Levin, and Kahn)	Carolyn Tatoian-Cain, (DTSC)	Would like to set up conference call to further discuss which files need to be made available by Granite for DTSC to review.
12/23/96		Julie Sharp, (LFR)	Paul Ruffin, (DTSC)	Revision 1 to the July 26, 1996 Revised Work Plan for Additional Surface and Subsurface Investigation of the Hillside Area
12/23/96	8	Carolyn Tatoian-Cain, (DTSC)	Paul Anderson, (McDonough, Holland and Allen)	Request for specific files to review in City's records
12/20/96	3	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request to conduct a file review for the former Solano County Sanitary Landfill site
12/20/96	7	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments on Draft Remedial Investigation
12/20/96	13	Marilyn Bardet	Paul Ruffin, (DTSC)	Comments on Draft Remedial Investigation
12/20/96	8	Tom Busfield	Paul Ruffin, (DTSC)	Comments on Draft Remedial Investigation
12/19/96	12	Cathy Turner and Dick Lubin	Paul Ruffin, (DTSC)	Comments on Draft RI
12/18/96	2	Stephen DiZio, (DTSC)	Paul Ruffin, (DTSC)	Errata to BHRA Workshop slides.
12/17/96	5			Sign-in sheets and comments on BHRA open house.
12/17/96	12			Overheads used for 12/17/96 BHRA Open House.
12/17/96	1			Comments on BHRA open house.
12/16/96	4	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	File review request for "any information pertaining to study area PEA in addition to the 85 documents" reviewed by DTSC in 2/95.
12/16/96	18	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on FS/PHERA workplan to be used in Draft Report.
12/16/96	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for November 1996.
12/13/96	5	David Siegel, (OEHHA)	Paul Ruffin, (DTSC)	Review of PHERA workplan.
12/13/96	6	Julio Salinas, (OEHHA)	Paul Ruffin, (DTSC)	Review of and comments on PHERA workplan.
12/13/96	8	Paul Ruffin, (DTSC)	Patrick Catalano, (Law Offices of Patrick Catalano)	Response to letter dated 12/6/96 re: Cancer registry, Lot 50, and BHRA open house.
12/12/96	1	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Problems with HML sample #'s 960612-708 Sample receipt
12/12/96	3			Correction to Draft FS/PHERA public comment period and its distribution list.
12/11/96	3	Patrick Catalano, Law Offices of Patrick Catalano)	Paul Ruffin, (DTSC)	Request for response to the letter dated 12/6/96 re: RI, cancer registry and request for meeting prior to BHRA open house.
12/11/96	15			GC/MS laboratory report from HML for the North Canyon
12/10/96	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Draft Feasibility Study/Public Health Evaluation of Remedial Alternatives Report FS/PHERA
12/10/96	2			BHRA factsheet

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12/9/96	7	Peter Russell, (Russell Resources, Inc.)	Paul Blais, (DTSC)	Recommended changes to schedule for finishing Braitto landfill clean-up.
12/9/96	1	Tim Crist, (CIWMB)	John Robertson, (RWQCB)	Comments on proposed monitoring plan dated 10/15/96.
12/6/96	2	Craig Hodgson, (Preuss, Walker, and Shanagher)	Joe Irvin, (DTSC)	File review request and response to letter from Terri Nieto indicating that the request had been forwarded to proper channels.
12/6/96	4	David Siegel, (OEHHA)	Paul Ruffin, (DTSC)	Results of analysis of cancer incidence at Rose Drive.
12/6/96	2	Hazardous Materials Laboratory	Paul Ruffin, (DTSC)	Authorization request form for HML # 3091
12/6/96	3	Margaret Dollbaum, (Folger Levin and Kahn)	Paul Ruffin, (DTSC)	Document distribution and request that DTSC not duplicate electronic disks due to copyright laws.
12/6/96	9	Patrick Catalano, (Law Offices of Patrick Catalano)	Paul Ruffin, (DTSC)	Request for meeting with his clients prior to BHRA open house to discuss RI and Cancer Registry.
12/6/96	2			Draft BHRA Fact Sheet.
12/5/96	6	Jim Marxen, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-150 Granite must increase document distribution to original list.
12/5/96	5	Marcia Murphy, (DTSC)	Margaret Dollbaum, (Folger Levin and Kahn)	Response to letter to Jerry Marcotte concerning Jim Marxen, dated 11/11/96
12/5/96	1	Peter Bray	Editor, Benicia Herald	Letter to Editor: Rose Drive and Tourtelot property.
12/4/96	3	Peter Russell, (Russell Resources, Inc.)	Loretta Barsamian, (RWQCB)	Weekly field inspection report for November 1996.
12/4/96	8			Hazard appraisal and recognition plan daily site visit documentation for Jose Luevano in Scrap Metals area for 10/30, 10/31, 11/2, 11/15+16, 11/29, 11/30, and 12/4/95.
12/3/96	5	Jody Sparks, (TAG)	Claire Best, (DTSC)	List of community concerns to be discussed at 12/6/96 meeting with Jesse Huff and Paul Blaise.
12/3/96	7	Tom Busfield	Claire Best, (DTSC)	List of community members who will be attending 12/6/96 meeting with Jesse Huff and Paul Blaise.
11/26/96	2	Charles and Florence Nye Clement	Paul Ruffin, (DTSC)	Comments on Draft RI
11/26/96	6			Braitto Landfill November Fact Sheet.
11/22/96	6	Paul Ruffin for Claire Best, (DTSC)	Jody Sparks, (TAG)	Response to BLC action item - DTSC will not be holding a RI report workshop. DTSC-149
11/20/96	1	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	letter regarding Claire Best will be replacing him.
11/19/96	1	Paul Ruffin, (DTSC)	Ross Sagun	Letter sent with requested copy of Draft BHRA
11/18/96	1	Peter Bray	(DTSC)	12 Days of Christmas (Near the Dumps)
11/18/96	9	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third quarter 1996 indoor air sampling results.
11/15/96	14	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Copy of HML lab reports for samples collected in the Hillside area in September 1996
11/15/96	9	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for October 1996
11/14/96	2	Jody Sparks, (TAG)	Claire Best, (DTSC)	Request for information on reports available on computer disk. Faxed to Paul Ruffin at DTSC to resolve and respond.
11/14/96	200	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Third quarter 1996 groundwater monitoring report.
11/11/96	3	Margaret Dollbaum, (Folger-Levin-Kahn)	Jerry Marcotte, (DTSC)	Claims Jim Marxen is misleading the public re: letter to Ross Sagun 10/29/96.
11/11/96	3	Peter Russell, (Russell Resources, Inc.)	Paul Blais, (DTSC)	Presents Granite's concerns about statements made by DTSC management at 11/7/96 BLC meeting.
11/8/96	15	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Attachments document completion of Third Quarter 1996 monthly standard observations.
11/7/96	7	Phyllis Fox, (Russell Resources, Inc.)	File	Results of Department of Real Estate file review and related letters.
11/7/96	35			BLC Meeting agenda packet. Includes agenda, fact sheet, copy of all overheads and maps.
11/5/96	1	John Cavin, (Bardellini, Straw, and Cavin)	Tom Busfield	Says that Genie Foon has voluntarily entered into a settlement with Granite resolving her lawsuit.
11/5/96	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Status of how many copies of each document are available and how the public can access them. Fax copy and original.
11/4/96	22	Paul Blais, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Copy of DTSC proposed schedule.
11/4/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection report for October 1996 - Blake Court.

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11/1/96	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Copy of community newsletter for 11/1/96 from Granite.
10/30/96	1	Joel Carnell	(DTSC)	Handwritten letter - General community frustration at project.
10/29/96	1	Cathy Turner	Jim Marxen, (DTSC)	Suggestion for agenda items at BLC Meeting on 11/7/96
10/29/96	1	Cathy Turner	Jim Marxen, (DTSC)	Questions on Public review of draft RI report.
10/29/96	2	Jim Marxen, (DTSC)	Ross Sagun	Response to 10/25/96 faxed letter concerning comment period on Draft RI report.
10/29/96	2	Jim Marxen, (DTSC)	Ross Sagun	Response to 10/11/96 letter expressing concern over Peter Russell and Margaret Dollbaum's behavior at BLC Meetings.
10/25/96	5	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Requests clarification re: comment period on draft BHRA
10/25/96	4	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Requests clarification re: comment period for draft RI report.
10/25/96	1	Peter Russell, (Russell Resources, Inc.)	Otto Giuliani, (City of Benicia)	Requests that when submitting comments, TAG make clear who those comments are on behalf of: the City of Benicia or community members
10/24/96	2	Bob Borzelleri, (DTSC)	Paul Blais, (DTSC)	Thanks to staff for meeting with Jody Sparks on dioxin issue.
10/24/96	2	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Thanks DTSC for willingness to meet to discuss dioxin issues on 10/22/96.
10/23/96	200	ChemRisk for Granite Management Co.	Paul Ruffin, (DTSC)	Draft Baseline Health Risk Assessment BHRA
10/23/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request for clarification of scheduled submittals and comment periods on Draft FS workplan and Draft PHERA workplan
10/23/96	4	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Expresses concerns about process and document review of BHRA
10/21/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request for information on comment periods of RI and Workplan for Further Investigation in the Tank Area.
10/18/96	12	DTSC Haz. Mat. Lab	Paul Ruffin, (DTSC)	Sampling results from data taken 9/11/96
10/18/96	1	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Next BLC Meeting will be 11/7/96 at 3:00 pm
10/18/96	7	Paul Ruffin, (DTSC)	Louise Muller	Response to phone inquiry on recent investigations in Corcoran Court area.
10/16/96	17	Haz. Materials Laboratory	Paul Ruffin, (DTSC)	Lab report for Hillside Area samples collected September 1996.
10/16/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly inspection report for September 1996
10/16/96	20	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	* Work Plan for Further Investigation in the Tank Area Vicinity
10/15/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for September 1996 on behalf of Granite Management Co.
10/15/96	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Draft Remedial Investigation Volume 2
10/15/96	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Draft Remedial Investigation Volume 1
10/12/96	12	DTSC Haz. Mat. Lab	Paul Ruffin, (DTSC)	Laboratory results -PCB's
10/11/96	1	Carolyn Tatoian-Cain, (DTSC)	Rodger Fry Camp Dresser and McGee	Request access to review files pertaining to Braitto landfill site.
10/11/96	2	Katie Daly, (EIM)	Paul Ruffin, (DTSC)	Final layout for draft Remedial Investigation report.
10/11/96	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Status of Interim #1 of Baseline Health Risk Assessment (BHRA). Includes Steve DiZio's memo of 9/23/96. DTSC-146
10/11/96	2	Ross Sagun	Jim Marxen, (DTSC)	Expresses concerns over inappropriate behavior exhibited by Margaret Dollbaum at recent BLC meetings.
10/11/96	50	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Proposed Monitoring Program document
10/9/96	3	Katie Daly, (EIM)	Paul Ruffin, (DTSC)	Final drafts of public notices for draft BHRA and draft RI.
10/9/96	6	Marilyn Bardet	Jim Marxen, (DTSC)	Suggestions for clarification at next BLC meeting. Expresses many questions and concerns about recent happenings with Braitto site.
10/9/96	4	Paul Ruffin, (DTSC)	Hazardous Materials Laboratory, (DTSC)	Authorization for disposal of samples: 950318-322, 950371-373, 950905-916, and 950992.
10/3/96	190	Ted Splitter, (LFR)	Carolyn Tatoian-Cain, (DTSC)	Deposition of Albert Vervais, October 3, 1996
10/1/96	2			Community Newsletter October 1, 1996. Produced by Granite Mgmt Co.
9/26/96	2	Paul Anderson, (City of Benicia)	Carolyn Tatoian-Cain, (DTSC)	Denies DTSC access to "all information pertaining to former Solano County Sanitary Landfill" because it is too broad a request and will overburden the City of Benicia.
9/25/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection report for Blake Ct. for August '96. Includes map of the area.
9/25/96	2	Peter Russell, (Russell Resources, Inc.)	Jesse Huff, (DTSC)	Expresses concern over finishing remediation at Braitto site in a timely manner. Questions DTSC's commitment to do so.
9/24/96	100	ChemRisk for Granite Management Co.	Paul Ruffin, (DTSC)	Interim Report #2 for Baseline Health Risk Assessment Report.

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9/24/96	11	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	7 memos received via fax. 2 express residents' concern over recent clean-up activities. 1 request for formal written definition of study area. 1 request for clarification of status of Interim #1 of HRA. 3 offer updates on scrap materials on Lot 25.
9/23/96	2	Margaret Dollbaum, (Folger, Levin & Kahn)	Paul Ruffin, (DTSC)	Expressed concerns that DTSC is not following the agreed upon schedule and thus delaying the project.
9/23/96	3	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Status of interim report #1 of Baseline Health Risk Assessment.
9/20/96		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Inspection Report - August 1996, Blake Court/Rose Drive
9/18/96	3	Marcia Murphy, (DTSC)	Paul Blais, (DTSC)	The projected hours for public participation support to the Braitto Project Team for the next four months
9/18/96	20	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised Treatability Study Work Plan, NCOU
9/17/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments on PHERA workplan.
9/16/96	5	Carolyn Tatoian-Cain, (DTSC)	Jody Sparks, (TAG)	Request to view all information pertaining to Braitto landfill site from City Clerk's office, Public works Dept., City Manager's office, and any other department that may have related files. Includes fax confirmation. DTSC 143
9/16/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for August 1996
9/11/96	50	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Response to comments on Prior Investigations Report and Remedial Investigation Work Plan. Includes memo from Steve DiZio to C. Tatoian-Cain, TAG's comments, and handwritten notes from RI work plan meeting on 4/19/96. DTSC-141
9/11/96		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised pages to the Prior Investigations Report and RI Workplan
9/11/96	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Schedule for field work for weeks beginning 9/16 and 9/23 in the Hillside Area.
9/10/96	14	Carolyn Tatoian-Cain, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Copies of letters to residents informing them of the visual observations recorded during the latest phase of the remedial investigation. DTSC 145
9/9/96	3	Kathleen Yokota, (DTSC)	Paul Ruffin, (DTSC)	Review of Health and Safety Plan addendum. Concludes that the HASP is well written and comprehensive.
9/9/96	2	Tom Busfield	Paul Ruffin, (DTSC)	Comments on Feasibility Study and PHERA via fax.
9/6/96	13	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Addendum #2 to Response to approval comments, Revised Health and Safety Plan, including emergency response and contingency plan for removal and investigation of surface scrap metal from Hillside Area.
9/5/96	3	Florence Nye-Clement	Paul Ruffin, (DTSC)	Summary of 9/5/96 phone conversation. Includes sections on upcoming geophysical survey of Lot 24, Comments on revised workplan and the field schedule, and her concerns about dust control.
9/5/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Grading permit will not be necessary unless total amount of excavated materials exceeds 199 cubic yards.
9/4/96	5	Jody Sparks, (TAG)	Steve DiZio, (DTSC)	Comments on Feasibility Study workplan.
9/4/96	45	Renee Kalmes, (ChemRisk)	Paul Ruffin, (DTSC)	Update to Interim #1 for BHRA
9/3/96	4	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments on draft of Feasibility Study workplan.
9/3/96	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Schedule for field work for weeks beginning 9/2 and 9/9 on Hillside Area.
9/2/96	3	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Summary of 8/26/96 discussion. Includes information on conceptual model for risk assessment, soil sampling in backyards, analytic chemistry suites and selection, Chemicals of Interest, and report format
9/1/96	1	(DTSC)		Braitto Landfill Site Notice "Hillside Metals Area Fieldwork"
8/30/96	9	Jose Luevano, (DTSC)	Paul Ruffin, (DTSC)	Review of "Revised Work Plan for Additional Surface and Subsurface Investigation of the Hillside Area". A number of suggestions are made.
8/30/96	23	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of revised workplan for additional surface and subsurface investigations of the Hillside Area...Includes memos reviewing the document and making suggestions. DTSC 144
8/29/96	3	David Chan, (DTSC)	Paul Ruffin, (DTSC)	Review of Hillside Sampling and Analysis workplan - Suggestions were made which should be incorporated before approval.
8/28/96	9	William Vance, (DTSC)	Steve DiZio, (DTSC)	Detailed activity log of work conducted by OEHA for Fiscal Years 94/95 and 95/96.
8/27/96	3	Tom Busfield	Paul Ruffin, (DTSC)	Comments on Feasibility Study Work Plan for NCOU.
8/23/96	1	Phyllis Fox, (Russell Resources, Inc.)	Carolyn Tatoian-Cain, (DTSC)	A letter to Rochelle Walker at BAAQMD from Phyllis Fox at RRI dated 7/11/96 was faxed to Carolyn Tatoian-Cain
8/23/96	3	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field work schedule for week beginning 8/26/96

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8/23/96	2	Timothy Crist, (CIWMB)	Paul Ruffin, (DTSC)	Suggestions for modification of sampling procedures for quarterly sampling of gas probes to decrease time required for sampling.
8/22/96	5	Kathleen Yokota, (DTSC)	Jose Luevano, (DTSC)	Review of Revised Health and Safety Plan Including Emergency Response and Contingency Plan - found it deficient in several areas.
8/21/96	2	Diane Daniel, (DTSC)	Paul Ruffin, (DTSC)	Letter summarizing Diane's findings from research into Jerry Marcotte's request to accommodate Granite's billing requests.
8/21/96	3	Stephen DiZio, (DTSC)	Paul Ruffin, (DTSC)	Evaluation of geologic and hydrogeologic descriptions, geologic cross sections, and proposed ground water monitoring well installations in NCOU.
8/20/96	2	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request for additional distribution of Hillside Area documents to affected residents. DTSC-142
8/20/96	7			Laszlo Saska's Hazard Appraisal and Recognition Plan daily site visit documentation forms dated 7/25, 7/30, 7/31, 8/1, and 8/13-15/96.
8/19/96	16	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to request for revision to consent order statement of work schedule for Braitto landfill site. DTSC-140
8/19/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection report for June 1996. Includes map showing geographical coverage of the inspection.
8/19/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection reports for July 1996
8/19/96	3	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	RI field work schedule for week beginning 8/19/96.
8/17/96	2	Florence Nye-Clement and Charles Clement	Paul Ruffin, (DTSC)	Comments on revised workplan for additional surface and subsurface investigation of the Hillside Area.
8/15/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for July 1996
8/14/96	200	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Second quarter 1996 groundwater monitoring report.
8/14/96	1	Tom Busfield	Granite Mgmt. Co.	Expressed concern over Granite's attitude towards residents of Southampton site.
8/12/96	3	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Follow up on odor complaint by residents of Southampton on 6/14/96.
8/12/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Follow up on issues related to drilling in Lot 23.
8/12/96	12	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Additional comments on prior investigations report and remedial investigation workplan. DTSC-139
8/9/96	3	Paul Ruffin, (DTSC)	Norman Riley, (DTSC)	Authorizes disposal of samples 13120-122, 13125-126, and 13648-655 from Southampton project.
8/9/96	6	Steve DiZio, (DTSC)	Carolyn Tatoian-Cain, (DTSC)	Response to comments on Prior Investigations Report and Remedial Investigation Work Plan with assistance from Human and Ecological Risk Division. Includes tables of concentrations of chemicals of interest at each probe.
8/9/96	3	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Updated schedule for field work beginning 8/12/96 on Rose Dr. and Blake Ct.
8/5/96	3	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Request for clarification and guidance regarding the review and preparation of comments on the PHERA.
8/5/96	4	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Comments on Granite's proposed revision to Consent Order.
8/5/96	10	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-138 Conditional approval of the treatability study work plan, NCOU.
8/5/96	2	Tom Busfield	Paul Ruffin, (DTSC)	Comments on schedule acceleration of Consent Order.
8/4/96	2	Greg Imazu	Paul Ruffin, (DTSC)	Comments on proposal to accelerate Braitto Landfill Schedule.
8/2/96	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Updated schedule for field work for weeks beginning 8/5 and 8/12 on Rose Dr. and Blake Ct.
8/1/96		Renee Kalmes, (Chemrisk)	Paul Ruffin, (DTSC)	Public Health Evaluation of Remedial Alternatives Work Plan for the NCOU
8/1/96	7	Paul Ruffin, (DTSC)	Jody Sparks, (TAG)	Response to request for exact comment periods for a number of documents. DTSC-137
8/1/96	1			Braitto Landfill Site Notice "Schedule Update" Produced by DTSC
7/31/96	14	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request for immediate information on North Pond of Southampton. Includes a copy of First Quarter Monitoring Report as an answer.
7/31/96	7	Paul Ruffin, (DTSC)	Mr. Ross Sagun, (Resident)	Concerning DTSC-135, CA Cancer Registry. Attached memo from S. DiZio to P. Ruffin, dated 7/5/96.
7/31/96	2	Richard Lubin	Paul Ruffin, (DTSC)	Consent Order schedule acceleration - public comments
7/30/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	TAG received Revised Health and Safety Plan Including Emergency Response and Contingency Plan. Wants to know when comment period is and requests a copy on disk to make available to public.
7/29/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Fax re: Comments on document titled Treatability Study Work Plan, NCOU, Levine-Fricke, 7/12/96.

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7/29/96	18	Paul Ruffin, (DTSC)	Site File	Prior Investigations Report & RI Work Plan, NCOU. DTSC comments are included.
7/29/96	73	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval: Prior Investigations Report and Remedial Investigation Work Plan, NCOU, Benicia, CA. DTSC-134
7/26/96	4	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Summary of conversation of 7/23/96 regarding notice sent to Tom Busfield stating that work would begin on Black Materials area on 7/29/96 and questions on how this could occur as the RI workplan had not yet been approved. Includes revision of 7/25/96.
7/26/96	5	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Prior investigations report and remedial investigations workplan.
7/26/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Updated schedule for field work for the weeks beginning 7/29, 8/5, & 8/12 1996, Rose Drive & Blake Ct., Benicia
7/26/96		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised health and safety plan, including emergency response and contingency plan dated August 18, 95 and addendum dated July 26, 96, Hillside Area
7/26/96	75	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Revised Work Plan for Additional Surface and Subsurface Investigation Hillside Area with corrections dated 12/23/96.
7/25/96	3	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Second request for information on proposed work on Lots 22 and 23.
7/25/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Second request for information on comment period for Field and Laboratory Procedures Manual for Investigation/Remediation Activities.
7/25/96	3	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Second request for information on comment period on Revised Consent Order. Also wants information on two late documents and their comment periods-- North Canyon Feasibility Study Work Plan and PHERA.
7/25/96	6	Paul Ruffin, (DTSC)	Mr. Scott McKinlay (Granite Mgmt.)	DTSC-133, Site Invoice Certification Tables/Summary Enclosure.
7/25/96	8	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax transmittal for comments on RI workplan.
7/24/96	75	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Feasibility Study workplan
7/23/96	12	Eugenia & Bradford Foon, (Residents)	Paul Ruffin, (DTSC)	Draft RI Work Plan. Their comments are included.
7/23/96	2	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Next BLC meeting is 7/1/96 at 3:00pm and agenda is enclosed
7/23/96	14	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Correspondence from J. Sparks (TAG) to P. Ruffin (DTSC), 7/23/96; Comments on Draft Prior Investigations Report & RI Work Plan, NCOU.
7/23/96	4	Paul Ruffin, (DTSC)	Rick Moss and Eric Maher	Fax transmittal for Draft NOE
7/23/96	6	Tom Busfield	Paul Ruffin, (DTSC)	Comments on 2nd Draft of document titled Prior Investigations Report and RI Work Plan, NCOU. 6/7/96.
7/23/96	9	William Ryan, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Braitto Landfill Site invoice certification. Includes analysis of DTSC core group employees' time. DTSC-132
7/22/96	1	Greg Imazu, (Resident)	Jerry Marcotte, (DTSC)	Comments on RI WP dated June 1996.
7/21/96	4	C. A. Turner, (Resident)	Paul Ruffin, (DTSC)	Draft Remedial Investigation Work Plan Public Comments.
7/21/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	via fax- TAG received Field and Laboratory Procedures Manual for Investigation/ Remediation Activities (FLPM) . 5/26/95 - revisions 7/10/96- does not know the public comment period.
7/21/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Work stated to begin on 7/23/96 Prior to approval of Draft RI WP; Metal Press and Paper Press Area.
7/21/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request by RPs for revision to Consent Order, Statement of Work, Attachment 1 Schedule.
7/21/96	6	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Requests information on comment period of Treatability Study workplan. Field and Laboratory Procedures Manual..., and revision to consent order.
7/20/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Commencement of work by RP's prior to receiving approval from DTSC on draft document titled: Prior Investigations Report & Remedial Investigation Work Plan, 6/7/96.
7/19/96	3	Lynton Baker, (ARB)	Paul Ruffin, (DTSC)	Memo: RI WP for NCOU - Review focused on the potential for emissions based on existing soil, soil gas, & ambient air data & whether further sampling may be needed during the remedial investigation.
7/19/96	18	Phyllis Fox, (Russell Resources, Inc.)		GMC requests access to review all information from: USEPA, Dept. of Parks & Recreations, SCDM, US Army Corps. of Engineers, Dept. of Fish & Game, SWRCB, Robert. Karn & Associates
7/19/96	3	Richard Lubin	Paul Ruffin, (DTSC)	Comments on RI workplan

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7/19/96	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed field work schedule for weeks beginning 7/22/96 and 7/29/96.
7/19/96	50	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to approval comments, Revised workplan for investigation and removal of surface scrap metal from a portion of the hillside area.
7/19/96	1	(DTSC)		Braitto Landfill Site Notice "Investigative work to begin"
7/18/96	9	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Request for re-sequencing of tasks in Consent Order.
7/17/96	5	Florence & Charles Clement, (Residents)	Paul Ruffin, (DTSC)	Comments on the Prior Investigations Report and RI WP, NCOU.
7/17/96	4	Jody Sparks, (TAG)	Dr. William Vance, (OEHHA)	Contents: memo from J. Sparks (TAG) to Jerry Marcotte (DTSC), 6/29/96. ; Advisement of community concerns & attached fax transmittal confirmation slip.
7/16/96	1	Timothy Crist, (CIWMB)	Paul Ruffin, (DTSC)	Comments re: "Prior Investigation Report and RI WP, NCOU., 6/7/96.
7/15/96	10	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	This letter memorializes the 7/1/96 agreement to extend the twenty-day informal negotiation period provided for in section 7.22.1 of the Revised Consent Order.
7/15/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report-June 1996- Schedule.
7/15/96	34	Residents of Benicia	Granite Mgmt. Co. and DTSC	Petitions to move forward with investigation and clean-up of Braitto Landfill site.
7/15/96	1	Robert McFarlane, (Folger & Levin)	Paul Ruffin, (DTSC)	Letter acknowledging receipt of 7/5/96 DTSC-130 letter. Will respond shortly.
7/15/96	1	Roger Heym, (Coldwell Banker, Benicia)	Paul Ruffin, (DTSC)	Comments re: RI Work Plan.
7/15/96	1	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of Prior Investigations Report and Remedial Investigation Work Plan workshop figures and transparencies
7/12/96	9	Paul Ruffin, (DTSC)	Tom Busfield	Fax transmittal for notes of conference call on 3/22 and J. Marcotte's notes from 4/19 and 5/1/96 meetings
7/12/96	12	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Treatability Study Work Plan- North Canyon
7/11/96	1	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Request for additional overheads for RI workshop.
7/10/96	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Second quarter 1996 indoor air sampling results conducted in houses along Rose Drive
7/10/96	1	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of Prior Investigations Report and Remedial Investigation Work Plan Database
7/9/96	5	Paul Ruffin, (DTSC)	Consultative Workgroup	Fax transmittal of agenda for 7/15/96 meeting
7/9/96	1			Announcement for RI workshop 7/17/96 at 7:00pm
7/5/96	9	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Also addressed to Howard Lewis at Alma Associates. DTSC-131 Letter requesting payment for Invoice No. C00491 in amount of \$260,445.68. dated 3/5/96, not yet received.
7/5/96	1	Stephen DiZio, (DTSC)	Paul Ruffin, (DTSC)	Memo re: CA Cancer Registry
7/3/96	5	Bal Lee, (DTSC)	Paul Ruffin, (DTSC)	Comments on the sections concerning treatability testing of the Black Material waste in Draft Prior Investigations Report and Remedial Investigation Work Plan.
7/3/96	1	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of presentation materials
7/2/96	2	Richard McMurtry, (RWQCB)	Daniel Easter, (EMCON)	Request to cut back on gas monitoring not approved.
7/1/96	1	Florence Nye-Clement and Charles Clement	Paul Ruffin, (DTSC)	Request for response to letter of 4/30/96 requesting further investigation of their property.
7/1/96	1	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Next BLC meeting will be 8/1/96 at 3:00 pm in the City Council Chambers of Benicia City Hall. Agenda will follow.
7/1/96	1	(DTSC)		Braitto Landfill Site Notice "Proposed Schedule Update"
7/1/96	2			Community Newsletter July 1996 Produced by Granite Mgmt. Co.
6/30/96	1	Carolyn Tatoian-Cain, (DTSC)	Tom Busfield	Prior Investigations Report & RI Work Plan, NCOU. Thanking him for his comments on the above mentioned report. This same letter format was sent to : G. Foon, J. Sparks, D. Lubin, C. Turner, Clement, R. Heym & G. Imazu.
6/28/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly site inspection reports for May 1996.
6/21/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Suggestions for agenda items for consultative workgroup meeting 6/25/96.
6/21/96	1	Jose Luevano, (DTSC)	Jenifer Beatty, (LFR)	Per request for information regarding CEQA determination and responsiveness summary- Information is enclosed.
6/19/96	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-130: Completeness review. Prior Investigations Report and Remedial Investigation Work Plan North Canyon Area.

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6/18/96	10	Margaret Dollbaum, (Folger & Levin)	Jerry Marcotte, (DTSC)	Letter forwarded from Folger & Levin- originally from Granite re: response to DTSC Proposed Notice of Non-Compliance: Prior Investigation Report and Remedial Work Plan, NCOU.
6/17/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Request for clarification re: meeting and workshop dates, times, and due dates for comment submittals.
6/17/96	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary report ---May, 1996
6/14/96	100	Renee Kalmes, (ChemRisk)	Paul Ruffin, (DTSC)	Interim Report #1 for BHRA
6/13/96	8	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-129, Revised project team for Braitto Landfill site. Also attached is C. Tatioian-Cain's resume.
6/13/96	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Blake Ct. and Rose Drive. Weekly Site Inspection Report-- April 1996
6/13/96	2	(DTSC)	File	Report of Annual Work Plan Activity Completion for Tanks Area
6/12/96	4	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Transmittal of database, aerial photographs and overlay for Prior Investigations Report and RI Work Plan.
6/7/96	4	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Copy of correspondence from Brad Wright at McLaren Hart to Robert Phillips at City of Benicia re: request for encroachment permit for soil borings on Rose Drive.
6/7/96	6	William Ryan, (DTSC)	Scott McKinlay, (Granite Management Co.)	DTSC invoices for funds owed to DTSC by Granite Mgmt. Co. Includes PCA code descriptions of activities on invoices.
6/7/96		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Prior Investigations Report and Remedial Investigation Work Plan, NCOU
6/6/96	2	(DTSC)	File	Report of Annual Work Plan Activity Completion for Tires and Hides Area
6/5/96	1	Jim Marxen, (DTSC)	Members of Braitto Landfill Committee	Tentative date for next BLC meeting is Thursday, August 1, 1996.
6/4/96	7	Eric Wallberg, (DTSC)	Phyllis Fox, (Environmental Mgmt.)	Information request letter example.
6/3/96	10	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Further comments on the 5/30/96 draft Community Contingency Plan. DTSC-120
5/28/96	6	Paul Ruffin, (DTSC)	Hazardous Materials Laboratory, (DTSC)	Authorization for disposal of samples 950769-778, 950715-719, 950688704, 950675-677, 950864-868, and 950816-826.
5/23/96	13	Caroline Rudolph, (DTSC)	Paul Ruffin, (DTSC)	Comments re: Report on Investigation and Removal Actions in the Tirea and Hides Area, volumes I and II, dated 4/23/96
5/23/96	3	Paul Ruffin, (DTSC)	Anna Hilde-Smith, (Resident)	Hillside Area geophysical survey overlay maps.
5/23/96	20	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-128. Conditional Approval, response to Report on Investigation and Removal Actions East of the Corner of Rose and Oxford, West of the Corner of Vol I and II dated 4/23/96. Tires and Hides Area.
5/23/96	3	Paul Ruffin, (DTSC)	Attendees of the Consultative Work Group	Revised draft agenda for meeting, 5/29/96.
5/22/96	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First quarter 1996 indoor air sampling results conducted in houses along Rose Drive
5/21/96	1	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Draft consultative work group 5-29-96 meeting agenda.
5/21/96	10	Paul Ruffin, (DTSC)	Emery and Sundlie Residences at Residents	DTSC-127 letter re: Metal Press Area
5/16/96	9	Jose Luevano, (DTSC)	File	Review of work plan for additional surface and subsurface investigation of the Hillside Area, dated 4/2/96.
5/16/96	10	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-126, Response to Work Plan for Additional Surface and Subsurface Investigation of the Hillside area.
5/14/96	200	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	First quarter 1996 groundwater monitoring report.
5/13/96	3	Cathy Turner, (Benicia)	Paul Ruffin, (DTSC)	Public response to the Final Report on Investigations and Removal Actions Tire/ Hides Area.
5/13/96	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Paul Ruffin, (DTSC)	A letter to confirm Paul Ruffin's telephone conversation with Peter Russell on May 13, 1996
5/11/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report -- April 1996
5/8/96	6	Eric Wallberg, (DTSC)	Robert McFarlane, (Folger & Levin)	PEA work plan records review. Braitto Landfill Site. DTSC-125
5/7/96	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-124. Address information for Project Manager.
5/6/96	2	David Chan, (OEHHA)	Paul Ruffin, (DTSC)	Comments re: Hillside Sampling & Analysis Work Plan.
5/6/96	2	Richard Lubin, (Resident)	Paul Ruffin, (DTSC)	Public Response to the Final Report on Investigations and Removal Actions- Tires and Hides Area

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5/6/96	200	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Report on Investigations and Removal Actions Tank Area. Volume 1
5/6/96	250	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Report on Investigations and Removal Actions Tank Area. Volume 2
5/3/96	2	Jody Sparks, (TAG)	Paul Ruffin, (DTSC)	Hillside Area; Comments on behalf of the City of Benicia on workplan titled Work Plan for Additional Surface and Subsurface Investigation of the Hillside Area. 4/2/96.
5/3/96	3	Bill Ryan (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC oversight invoices for Braitto Landfill site.
5/2/96		Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	First Quarter 96 Indoor sampling conducted in houses along Rose Drive. NCOU
4/30/96		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Site Inspection Report for March 1996.
4/30/96	1	Anna Hilde-Smith, (Resident)	Jim Marxen, (DTSC)	Items that were brought up on Hilde-Smith's request at the Hillside Area meeting last night.
4/30/96	1	Florence Nye-Clement & Charles Clement, (Resident)	Paul Ruffin, (DTSC)	Public comments on Levine-Fricke Hillside Area Work Plan. dated 4/2/96.
4/30/96	6		File	Hillside Area Chronology Documentation for file, Hillside/Scrap Metal Area.
4/29/96	11	E. Walberg, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Meetings of February 15 and 22, 1996 re: the Study Area PEA. DTSC-121
4/29/96	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Prior Investigations Report and Remedial Investigation Work Plan. Scoping meeting notes. DTSC-123
4/26/96	16	Renee Ka,mes, (Chemrisk)	Paul Ruffin, (DTSC)	Conditional Approval of Baseline Health Risk Assessment work plan: Response to comments DTSC-113
4/26/96	15	Renee Ka,mes, (Chemrisk)	Paul Ruffin, (DTSC)	Response to comments provided with Conditional Approval of BHRA workplan.
4/26/96	3	Robert McFarlane, (Folger and Levin)	Phyllis Fox, (Environ. Mgmt.) and Eric Wallbert (DTSC)	Difficulties associated with obtaining documents related to the PEA for the study area.
4/25/96	3	Peter Russell, (Russell Resources, Inc.)	William Ryan, (DTSC)	Summary of to date financial arrangements including an offer of good faith compromise to cover remaining costs to date.
4/25/96	4	Peter Russell, (Russell Resources, Inc.)	William Ryan, (DTSC)	3/21/96 discussion of DTSC oversight invoices reflected and described on enclosed schedule.
4/24/96	6	Jose Luevan, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Completeness review of "Work Plan for Additional Surface and Subsurface Investigation of the Hillside Area" DTSC 122
4/23/96	300	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Report on Investigations and Removal Action, Tires and Hides Area Volume 1 with Revisions, dated 2/14/97
4/23/96	250	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Report on Investigations and Removal Action, Tires and Hides Area Volume 2 with Revisions, dated 2/14/97
4/23/96	4			Hazard Appraisal and Recognition Plan daily site visit documentation for Jose Luevano for Tank Area.
4/23/96	1			Hazard Appraisal and Recognition Plan daily site visit documentation for Jose Luevano in Scrap Metals area.
4/23/96	10			Hazardous Appraisal and Recognition Plan daily site visit documentation for Jose Luevano in Tires/Hides area.
4/22/96		Jody Sparks, (TAG)		Notes, exclusions, conditions and caveats for TAG's Southampton/Braitto Landfill Project. Sheehan and Engeo Field notes "side by side" matrix (9/27/79 - 12/31/86).
4/17/96	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Prior Investigations Report and Remedial Investigation Work Plan, addendum to response letter dated 4/3/96. DTSC 119
4/15/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly Summary Report for March, 1996
4/11/96	9	Caroline Rudolph, (DTSC)	Paul Ruffin, (DTSC)	Quarterly Soil-Gas Data evaluation (through 9/95).
4/11/96	14	Carolyn Tatoian-Cain, (DTSC)	Paul Ruffin, (DTSC)	Soil-gas quarterly data evaluation (through 09/95)
4/8/96	1	Diane Daniel, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Transmittal re: requested DTSC correspondences (008, 017, 065, 069, 082)
4/4/96	1	Diane Daniel, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax Transmittal: HML results per Russell's request
4/3/96	18	Caroline Rudolph, (DTSC)	Paul Ruffin, (DTSC)	Comments on Prior Investigations Report and Remedial Investigation Work Plan.
4/3/96	7	Folger and Levin	Caroline Rudolph, (DTSC)	Reiterates request that DTSC revoke the 2/14/95 Fence and Post Order issued in Tires and Hides Area and requests that DTSC retract in writing unfounded statements attributed to DTSC Public Information Officer, Alan Hirsch.

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4/3/96	24	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Proposed notice of non-compliance. Attached memos from N. McGee, S. DiZio, and T. Crist to Paul Ruffin re: Prior Investigations Report and RI Work Plan.
4/2/96	51	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Workplan for additional surface and subsurface investigation Hillside Area.
4/2/96	5			Summary of movement of dirt and debris for PEA
4/1/96	4	Diane Daniel, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax transmittal: HML Tires and Hides requested lab results.
4/1/96	3	Jim Marxen, (DTSC)	Paul Ruffin, (DTSC)	Expectations raised during the meeting on the Baseline HRA
3/29/96	5	Caroline Rudolph, (DTSC)	Lawrence Fullington	DTSC-118 Sampling results from Levine - Fricke taken in Tires and Hides Area.
3/29/96	4	Diane Daniel, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax transmittal of requested lab results.
3/29/96			Paul Ruffin, (DTSC)	Workplan for additional surface and subsurface investigation Hillside Area.
3/28/96	3	Jenifer Beatty, (LFR)	Caroline Rudolph, (DTSC)	Lab results from wipe samples collected 3/19/96
3/28/96	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Soil backfill compactions & implications former Tank Area. Letter responds to request for documentation of discussions regarding the backfill compaction in the Tank Area & its implications on future stability.
3/28/96	21			BHRA Workshop
3/26/96	6	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Sample disposal Tires/Hides Area for Lot 259
3/25/96	2	Paul Ruffin, (DTSC)	Rick Moss, (State of CA)	CEQA meeting with Rick Moss and Eric Maher
3/22/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed field schedule for week beginning 3/25/96 for Tank Area.
3/20/96	1	Rick Moss, (OPAEA)	Jerry Marcotte, (DTSC)	Memorandum to request a meeting-Braitto Landfill regarding CEQA.
3/15/96	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Response to request for DTSC-numbered documents.
3/15/96	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of BHRA workplan
3/15/96	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Revisions to distribution list for Braitto site correspondences
3/15/96	6	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-115 Response to request for information re: project team for Braitto Site.
3/15/96	17	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional Approval of Baseline Health Risk Assessment Work Plan.
3/15/96	5	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for February 1996
3/15/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for week beginning 3/18/96 Tires and Hides Area.
3/15/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for weeks beginning 3/18/96 and 3/25/96 for Tank Area.
3/14/96	14	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab report for JML # 950992 Tank Area
3/12/96	3	DTSC Office of External Affairs	Elizabeth Hayes and others	Press release: Work is near completion at Braitto Tank area, Tires and Hides Area
3/11/96		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Site Inspection Report - February 1996 Blake Court / Rose Drive
3/11/96	5	Susan Knadle (OEHHA)	Paul Ruffin, (DTSC)	Comments and review of BHRA workplan
3/8/96	14	Haz. Materials Laboratory	Steve Gaytar, (DTSC)	Lab reports for HML #'s 950987-89 for Tank area.
3/8/96	150	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Third quarter soil-gas and utility-gas analytical results.
3/8/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for week beginning 3/11/96 for Tires and Hides area.
3/8/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for weeks beginning 3/11/96 and 3/18/96 for Tank area.
3/8/96	14			Transcription of March 8, 1996 Scoping Meeting re: Braitto Landfill Prior Investigations Report and Remedial Investigations Work Plan
3/8/96	2			Agenda, prior site investigation report and RI workplan scoping meeting
3/6/96	19	Larry Hoskins (DTSC)	Peter Russell, (Russell Resources, Inc.)	Summary of implemented billing changes that will effect billing for site clean up costs incurred by DTSC on or after 6/1/95.
3/5/96	1	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab report for JML #'s 950295-298 for Tires and Hides area.

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3/4/96	1	Peter Russell, (Russell Resources, Inc.)	Paul Blais (DTSC)	Confirmation of review of DTSC invoices. Should have decision by late March 1996.
3/1/96	4	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Draft including memo from Steve Sterling on evaluation of geophysical survey of Hillside Area.
3/1/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for weeks beginning 3/4/96 and 3/11/96 for Tank area.
3/1/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for weeks beginning 3/4/96 and 3/11/96 for Tires and Hides area.
3/1/96	3			Hillside Area Chronology
2/29/96	8	Steve Sterling, (DTSC)	Paul Ruffin, (DTSC)	Evaluation of geophysical data and location of anomaly calibration trenches and map and draft.
2/29/96	8	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Fourth quarter 1995 indoor air sampling results.
2/28/96	1	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Request for update on project team designation and personnel.
2/28/96	2	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed schedule for soil gas sampling for 1996.
2/27/96	5	Paul Ruffin, (DTSC)	Tom Busfield	Technical response to letter to Jesse Huff. DTSC-108
2/27/96	3	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC has not yet received payment for bills submitted 11/29/95 and 1/31/96
2/26/96	9	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Lab results from air toxic NaOH impinger modification test with fax transmittals to Tim Crist at CIWMB and Don Wijekoon at HML.
2/23/96	2	(Folger - Levin)	Steve Koyasako, (DTSC)	Declaration of Steve Koyasako
2/23/96	5	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab reports for HML #'s 950864-68 for Tank area.
2/23/96	4	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for total petroleum hydrocarbons for HML #'s 950864-868 for Tank Area.
2/23/96	5	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for oil and grease for HML #'s 950864-868 for Tank Area.
2/23/96	12	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for oil and grease for HML #'s 950816-826 for Tank Area.
2/23/96	2	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Comments on BHRA workplan
2/23/96	14	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Proposed field schedule for weeks beginning 3/4/96 and 2/26/96 for Tires and Hides Area.
2/22/96	10	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for total petroleum hydrocarbons for JML #'s 950816-826 for Tank Area.
2/22/96	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Regarding a phone conversation.
2/22/96	2	Steve DiZio, (DTSC)	Paul Ruffin, (DTSC)	Review and comments on Prior Investigations Report and RI Work Plan for NCOU
2/22/96	2			PEA progress meeting sign-in sheet.
2/22/96	2			Agenda: Solano County Sanitary Landfill PEA Scoping Meeting on Thursday February 22, 1996 at Union Building 4th Floor small conference room.
2/21/96	7	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Hillside Area scoping meeting action items.
2/20/96	7	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab report for HML #950916 Tires and Hides area.
2/20/96	13	(LFR)	Paul Ruffin, (DTSC)	Levine - Fricke lab results for hexavalent chromium
2/16/96	26	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Preliminary draft Leather Area soil confirmation results. (Tires and Hides)
2/16/96	24	Peter Russell, (Russell Resources, Inc.)		Preliminary draft Leather Area soil confirmation results. (Tires and Hides)
2/16/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Changes in field schedule for week beginning 2/19/96 and proposed field schedule for week beginning 2/26/96 for former Tank Area.
2/15/96	9	Caroline Rudolph, (DTSC)		Fax transmittals for modification to the revised workplan for soil/bedrock and groundwater investigations in the former Tank Area.
2/15/96	4	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab report for HML #'s 950917-27 for Tires and Hides area.
2/15/96	6	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Monthly summary report for January 1996.
2/15/96	8			Study area OU, PEA meeting agenda, sign in sheet, and materials
2/15/96	4			Notes from Braitto Landfill PEA meeting.
2/14/96	5	H.M.L.	Jose Luevano, (DTSC)	Lab report for metal analysis for Channing Circle, Tires and Hides Area. Testing for Chromium 6, Inorganic quality assurance, and 3 hazardous material sample analysis request.

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2/14/96	6	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab report for HML #'s 950928-29 for Tires and Hides Area
2/14/96	18	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab reports for HML #'s 950905-916 for Tires and Hides Area.
2/14/96	250	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Fourth quarter 1995 groundwater monitoring report - North Canyon.
2/14/96	3			Hazardous Materials Lab sample analysis request forms- Tires and Hides Area
2/14/96			Paul Ruffin, (DTSC)	Technical Memorandum 2.2.6-3 for the Tank Area concerning compaction & a subsurface gravel drain
2/14/96		Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Weekly Inspection Report - January 1996, Blake Court/Rose Drive
2/13/96	2	(H.M.L.)	Caroline Rudolph, (DTSC)	Lab report for extractable sulfide analysis for Channing Circle and Clifton Court.
2/13/96	400			ENGEO technician's daily field logs from 9/27/79 to 7/24/84
2/9/96	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Changes in field schedule for week beginning 2/12/96 and proposed field schedule for week beginning 2/19/96 for Tanks Area.
2/8/96	28	Caroline Rudolph, (DTSC)		Fax transmittals of technical memos 2.2.7-6 and 2.2.7-5.
2/8/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Changes to field schedule for week beginning 2/12/96 and proposed field schedule for week beginning 2/19/96 for Tires and Hides Area.
2/7/96	11	Caroline Rudolph, (DTSC)		Fax transmittal of technical memo 2.2.6-2.
2/7/96	1	Tim Crist, (CIWMB)	Paul Ruffin, (DTSC)	Found Prior Investigations Report and RI Work Plan to be complete for detailed technical review.
2/6/96	2	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of technical memo 2.2.7-5 transportation and contingency plan for Tires and Hides area.
2/6/96	13	Caroline Rudolph, (DTSC)		Modification of transportation plan.
2/6/96	2	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Technical memo 2.2.6-2 Tanks Area, providing modification to the revised work plan for soil/ bedrock and ground-water investigation for the Tanks Area.
2/6/96	11	Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Dioxin testing analysis of HML #'s 950688-704.
2/6/96	5	Ted Splitter, (LFR)	Paul Ruffin, (DTSC)	Field schedule for weeks beginning 2/5/96 and 2/12/96 for Tires and Hides Area.
2/5/96	6	Jenifer Beatty, (LFR)	Caroline Rudolph, (DTSC)	Technical memo 2.2.7-6 re: identifying a class II landfill facility that will be accepting the waste from Tires and Hides Area.
2/5/96	11			Technical memo 2.2.7 including transportation and contingency plan for Tires and Hides Area.
2/2/96	1	Genie Foon, (Rose Drive Community Action Comm)	Paul Ruffin, (DTSC)	Comments on Revised Baseline Health Risk Assessment.
2/2/96	11	Jenifer Beatty, (LFR)	Paul Ruffin, (DTSC)	Analytical data and results of statistical analysis for material (soil and leather scraps) to be excavated and sent to BFI.
2/2/96	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in field schedule for week beginning 2/5/96 and proposed field schedule for week beginning 2/12/96 for Tank Area.
2/2/96	3	Tom Busfield	Paul Ruffin, (DTSC)	Comments on revised BHRA workplan
2/2/96	3	Tom Busfield	Paul Ruffin, (DTSC)	Letter of response to Revised Baseline Health Risk Assessment Workplan.
2/1/96	1	(DTSC)		Removal work to begin in Tires and Hides Area
2/1/96	1	Stephen Sterling, (DTSC)	Caroline Rudolph, (DTSC)	Review of geophysical field data from scrap metal Hillside Area.
1/29/96	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in schedule for field work for week beginning 1/29/96 and field work beginning 2/5/96 for removal work in the former Tank Area.
1/26/96	200	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Prior Investigations Report and RI Work Plan for North Canyon.
1/26/96	1			Attendance list Hillside Area meeting 1/26/96 Union Building 10:00am
1/24/96	5	Allen Wolfenden, (DTSC)	community	Letters addressing neighborhood concerns about the removal action planned for the Tires and Hides Area.
1/24/96	1	Caroline Rudolph, (DTSC)	Dr. William Vance, (OEHHA)	Work request for Braito site. Requested by C. Rudolph
1/24/96	3	Jerry Marcotte, (DTSC)	Richard Lubin	Response to letter re: comments made about DTSC's sampling techniques. DTSC-107 and fax confirmation.
1/24/96	3	Jerry Marcotte, (DTSC)	Cathy Turner	Response to letter re: Tires and Hides removal action.
1/24/96	4			Copy of grading permit for Tires and Hides Area.

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1/22/96	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Letter informing of changes in DTSC's project team and distribution list. DTSC-105
1/22/96	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Guidelines for Tires and Hides area removal action.
1/19/96	1	Jody Sparks, (TAG)	Jerry Marcotte, (DTSC)	Requirement of assistance in providing adequate response to inquires from the members of the RDAC, regarding a document entitled "Revise Baseline Health Risk Assessment"
1/19/96	5	Jose Luevano, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Necessary changes for Hillside Area preliminary data.
1/19/96	6	Julie Sharp, (LFR)	Ron Scheufler (Solano County DEM)	Well permit copy and application for destruction of ground-water monitoring well and map of locations of ground-water monitoring wells in the Tank Area and inspection report.
1/19/96	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule for fieldwork beginning 1/22/96 and 1/29/96 for the continuation of the removal work in the vicinity of the former buried tanks.
1/19/96	12			Fax transmittal of BLC workgroup meeting agenda to members.
1/18/96	3	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Meeting notice and agenda for Braitto Landfill Committee meeting of 1/25/96.
1/17/96	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Extension of existing grading and encroachment permits.
1/16/96	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report - December 1995.
1/16/96	16	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Preliminary site plan, preliminary tables and final report on the geophysical survey conducted at the Hillside Area, north of Palace Court.
1/16/96	21			Test results for samples of Hillside Area.
1/15/96	25	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Geophysical report - Hillside Area.
1/12/96	3	Caroline Rudolph, (DTSC)	Bud Donaldson	Memo attached to lab results for Tires and Hides Area for hexavalent chromium.
1/11/96	4	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	SOW maintenance workplan errata. DTSC-102
1/11/96	15	Curtis Scott, (RWQCB)	Caroline Rudolph, (DTSC)	Invoice for Southampton: Recovery of post response staff costs.
1/11/96	5			Caroline Rudolph's declaration and fax cover sheet.
1/10/96	1	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax confirmation for lab report for polychlorinated biphenyls (PCB) for Hillside Area.
1/10/96	2		Carolyn	Southampton Mtg./ Meeting notes from meeting with Southampton to discuss remedial investigation and other activities.
1/9/96	9	Jerry Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Completeness review of draft Study Area PEA - Found to be unacceptable.
1/8/96	100	Chemrisk for Granite	Paul Ruffin, (DTSC)	Revised BHRA workplan.
1/5/96	5	Jerome Marcotte, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Rejection of two Draft Study Area PEA Interim Deliverables.
1/5/96	10	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Errata on final SOW maintenance workplan North Canyon
1/5/96	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for field work for week beginning 1/15/96 Tires and Hides Area.
1/3/96	3	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Extension requests for final Prior Investigations Report and RI Work Plan and Revised BHRA Work Plan.
1/1/96	1	(DTSC)		Start work notice for Tank Area
12/30/95	2			Meeting notes to discuss hexavalent chromium analysis
12/29/95	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Preliminary sketch from Peter Russell showing approximate locations of six soil samples collected using a grid and random number generator as specified by BFI.
12/29/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for field work for the week beginning 1/8/96 in Tires and Hides Area.
12/29/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in schedule for field work beginning 1/1/96 and schedule for field work beginning 1/8/96 in former Tank Area.
12/28/95	3	Bill Soo Hoo	Margaret Dollbaum, (Folger-Levin-Kahn)	Director controlled correspondence/ assignment with a letter to Bill Soo Hoo from Thomas Hannigan dated 12/20/94
12/27/95	10	Caroline Rudolph, (DTSC)	Interested Parties	Lab results from DTSC HML for sampling in the Tires and Hides Area.
12/22/95	2	Jennifer Beatty, (LFR)	Caroline Rudolph, (DTSC)	BFI characterization of Braitto Landfill. Requires further analyses to be completed before the acceptance of the remaining material.
12/22/95	2	Jose Luevano, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Fax transmittal from results of HML's analysis of 5 split samples collected from the Tires and Hides area on 12/8/95
12/22/95	1	Jose Luevano, (DTSC)	John Robertson, (RWQCB)	Fax confirmation of lab reports for organochlorine pesticides for N. Canyon area #950503
12/22/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in schedule for field work beginning 12/25/95 in Tank Area and schedule for field work beginning 1/1/96 in Tank Area.

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12/22/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for field work for the week beginning 1/1/96 in Tires and Hides Area.
12/22/95		Ted Splitter, (LFR)	Caroline Rudolph / Paul Ruffin, (DTSC)	Response to city of Benicia comments on Levine Fricke's December 12, 95 grading permit application for completion of previous
12/21/95	3	DTSC Haz. Materials Lab	Caroline Rudolph, (DTSC)	Lab report for Tires and Hides Area for hexavalent chromium and quality assurance.
12/21/95	3	DTSC Haz. Materials Lab	Caroline Rudolph, (DTSC)	Lab results for Tires and Hides Area for metal analysis and quality assurance.
12/21/95	2	DTSC Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab report for metals analysis for Tires and Hides Area.
12/21/95	4	Peter Russell, (Russell Resources, Inc.)	Paul Ruffin, (DTSC)	Extension requests for Final Prior Investigations Report and RI Work Plan and BHRA Work Plan.
12/21/95	7	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Attachments enclosed complete 4th quarter 1995 monthly on-site observations and gas monitoring measurements.
12/20/95	2	Steve DiZio, (DTSC)	Caroline Rudolph, (DTSC)	Risk associated with removal of waste material in the Tires and Hides Area.
12/20/95	3		Rob McFarle, (Folger Levin)	Workplan, weekly meeting rates prepared by Jerry Marcotte
12/19/95	5	Jody Sparks, (TAG)	Donald Plain, (DTSC)	Response to Cathy Turner's concerns on proper disposal of hides into Keller Canyon Lanfill.
12/19/95	13	Jody Sparks, (TAG)	Donald Plain, (DTSC)	Correspondence from Cathy Turner on disposal of hazardous waste from Tires and Hides Area to Keller Canyon Landfill and attachments.
12/19/95	5	Jody Sparks, (TAG)	Donald Plain, (DTSC)	Encroachment and Grading Permits dated 12/15/95 for Hides and Tires Area.
12/19/95	15	Jody Sparks, (TAG)		Correspondence from Scott Gordon, Bruen & Gordon to Cathy Turner; from Cathy Turner to Scott Gordon (all relating to removal and relocation of material from the Hides & Tires Area.
12/19/95	35	John Robertson, (RWQCB)	Caroline Rudolph, (DTSC)	Storm water pollution prevention plan document for use at sites in Benicia.
12/19/95	5	Paul Ruffin, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Revised Prior Investigations Report & RI Work Plan and revised BHRA Work Plan are past due.
12/18/95	3	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Memo from Dan Schiada at City of Benicia re: additional removal work within Tank Area.
12/18/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Request to DTSC for return of historical EIR. Caroline responded on the fax and sent it back.
12/18/95	25	Paul Blais, (DTSC)	Peter Russell, (Russell Resources, Inc.)	City of Benicia request payment from Granite for their involvement in AB 2061 process. Includes all correspondences from city regarding this matter.
12/15/95	3	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Response requested to memo from Dan Schiada re: additional excavation in Tank Area.
12/15/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Amended encroachment and grading permits available for removal action in the Tires and Hides Area.
12/15/95	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report for November, 1995.
12/15/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for field work for week beginning 12/25/95 at Tires and Hides Area.
12/15/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule for week beginning 12/18/95 for Hillside Area.
12/14/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Review of document: Third quarter 1995 groundwater monitoring, NCOU dated 11/14/95
12/14/95	38	Caroline Rudolph, (DTSC)	Interested Parties	Lab results from RRI for sampling done in Tires and Hides Area.
12/14/95	30	Caroline Rudolph, (DTSC)	Interested Parties	Lab results from Russell Resources for sampling in the Tires and Hides area on December 8, 1995. DTSC-097
12/14/95	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Fax transmittal forwarded to TAG re: grading permit application and Technical Memo for Tank Area.
12/13/95	30	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Analytical results for Cr total and Cr+6 and PNA's for 5 soil samples from Tires and Hides Area.
12/13/95	26	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Grading permit application for completion of previous excavation and removal work for the Tank Area and Tank Area Work Plan.
12/13/95	10			Project schedule for Braitto site.
12/12/95	3	Richard Lubin	Caroline Rudolph, (DTSC)	Letter to Jesse Huff cc'ed to Caroline Rudolph concerning haste and storm repercussion in Tires and Hides Area.
12/12/95	8	Ted Splitter, (LFR)	Dan Shiada, (City of Benicia)	Response to comments on revised work plan for removal activities in the Tires and Hides Area.
12/12/95		Ted Splitter, (LFR)	Caroline Rudolph / Paul Ruffin, (DTSC)	Response to comments provided in a memo dated December 7, 95 to Ms. Jody Sparks, Toxics

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12/12/95	5			Meeting with Peter Russell/ Margaret Dollbaum and Caroline Rudolph to discuss Tires and Hides Area
12/11/95	2	Antero Rivasplata	Caroline Rudolph, (DTSC)	Hides & Tires Removal Action SCH #: 95113036, Braitto Landfill, Benicia, CA. re: RWQCB late comments
12/11/95	2	Bill Ryan. (DTSC)	Office of Planning and Research	Notice of Determination for removal action for Tires and Hides Area and surrounding soil.
12/11/95	3	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	TAG internal memo from Tom Sparks to Jody Sparks re: his interpretation of CEQA and responsible agencies.
12/11/95	21			Negative Declaration for removal action for Tires and Hides Area.
12/8/95	3	DTSC Haz. Materials Lab	Jose Luevano, (DTSC)	Lab report for chromium at Channing Circle (Tires and Hides area). Quality assurance for hexavalent chromium and HML sample analysis request. #'s 950715-719
12/8/95	3	DTSC Haz. Materials Lab	Jose Luevano, (DTSC)	Lab report for metal analysis for Tires and Hides ... Channing Circle. Inorganic quality assurance and HML sample analysis request for #'s 950715-719
12/8/95	5	DTSC Haz. Materials Lab	Laszlo Saska, (DTSC)	Lab report for Hillside Area for pH, quality assurance, and sample analysis requests.
12/8/95	11	DTSC Haz. Materials Laboratory	Jose Luevano. (DTSC)	GC/MS lab report for Channing Circle. Semivolatile organics, quality control summary and HML sample analysis request. Tires and Hides Area
12/8/95	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly Site Inspection Report for November, 1995, Blake Court/Rose Drive
12/8/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Weekly site inspection report for November 1995, Blake Court/Rose Drive.
12/8/95	11	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Scheduling letters for Tires and Hides and Tank and Hillside Areas field work attached.
12/8/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for field work for the week beginning 12/18/95 in Tires and Hides Area.
12/8/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in schedule for week beginning 12/11/95 for Hillside Area and a schedule for field work beginning 12/18/95 in former Tank Area.
12/8/95			Caroline Rudolph / Paul Ruffin, (DTSC)	DTSC-prepared errata to the revised status report on investigations in the Tires and Hides Area and work plan for removal actions east of the corner of Rose Drive
12/7/95			Caroline Rudolph / Paul Ruffin, (DTSC)	Technical memo no. 2.2.7-7 modifications to investigation work plan, concerning collection of additional from 5 "pot holes" at the Tires and Hides Area
12/7/95	6	Angel Howell, (Governor's Office of Planning)	Don PLain, (DTSC)	Response to Negative Declaration and Initial Study for the Tires and Hides Area removal action.
12/7/95	5	DTSC Haz. Materials Lab	Laszlo Saska, (DTSC)	Lab report for % dry solids determination for Hillside Area.
12/7/95	2	DTSC Haz. Materials Lab	Laszlo Saska, (DTSC)	Lab results via fax for Hillside Area for % of dry solids determination.
12/7/95	10	DTSC Haz. Materials Lab	Laszlo Saska, (DTSC)	Lab report for Hillside Area for oil and grease, infrared method, matrix spike duplicate, method standard recovery.
12/7/95	6	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for polychlorinated biphenyls, matrix spike, and standard recovery method for Hillside Area.
12/7/95	6	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for metal analysis for Hillside Area.
12/7/95	7	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for organochlorine pesticides for Hillside Area.
12/7/95	5	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for Hillside Area for chromium VI and copies of sample analysis request.
12/7/95	9	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for Hillside Area for metal analysis, summary for ICP inorganic quality assurance.
12/7/95	10	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for Hillside Area for organochlorine pesticides, method standard recovery, matrix spike.
12/7/95	2	DTSC Haz. Materials Laboratory	Laszlo Saska, (DTSC)	Lab report for Hillside Area for Chromium VI
12/7/95	6	Jody Sparks. (TAG)	Caroline Rudolph, (DTSC)	Transmittal of comments on revised work plan for removal work in Tires and Hides Area and denial of request to issue amended grading permits. Also includes memos from Dan Shiada and Kitty Hammer.
12/7/95	1			Consultative work group meeting 12/7/95 attendance sheet.
12/7/95	3			Agenda and attendance sheet for Braitto Landfill Consultative work group meeting.
12/7/95	47			Sample results from Hillside Area, leather soil
12/7/95	3			Hazardous Materials Lab sample analysis request forms, Hillside Area

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12/6/95	100	Antero Rivasplata, (State Clearinghouse)	Caroline Rudolph, (DTSC)	Compilation of comments on Tires and Hides removal action for use in preparing final EIR
12/6/95	8	Antero Rivasplata, (State Clearinghouse)	Caroline Rudolph, (DTSC)	Tires and Hides Removal Action SCH #: 95113036, Braitto Landfill, Benicia, CA, also enclosed are: (1) Memo to Chris Belsky from Jeanie Blakeslee at CIWMB, (2) Comments from Stephen Berger at RWQCB
12/6/95	6	Richard Lubin	Jesse Huff, (DTSC)	Expresses concern over recent field work protocol and general dissatisfaction with DTSC. Includes copy of a memo from Susan Knadle re: her opinion of trenching fieldwork and its status.
12/6/95	1	Sam Martinez, (DTSC)	Caroline Rudolph, (DTSC)	Review of technical memo dated 12/5/95 re: transportation plan for waste from Braitto to BFI
12/6/95	1	Stephen Berger, (RWQCB)	Caroline Rudolph, (DTSC)	Removal action for Tires and Hides Area SCH # 95113036.
12/6/95	7	Stephen Berger, (RWQCB)	Caroline Rudolph, (DTSC)	Comments regarding the Negative Declaration for the removal action for the Tires and Hides Area.
12/5/95	1	Cathy Turner	Caroline Rudolph, (DTSC)	Response to workplan for removal in Tires and Hides Area and a Negative Declaration.
12/5/95	7	J. Garchia, (HML-LabDTSC)	Caroline Rudolph, (DTSC)	Laboratory report for polychlorinated biphenyls in the Tank Area.
12/5/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Fax transmittal of City of Benicia's comments to Margaret Dollbaum of Folger & Levin re: Initial Study and Draft Negative Declaration of Environmental Impact for Removal Action in Tires and Hides Area.
12/5/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Believes that comment deadlines for Revised Status Report on Investigations in the Tires and Hides Area and Work Plan for Removal Actions are impossible for city and residents to meet.
12/5/95	1	Jody Sparks, (TAG)	Ted Splitter, (LFR)	Request for missing Attachment 1 from revised status report on investigations in the Tires and Hides area and work plan for removal action
12/5/95	17	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Technical memo no. 2.2.7-5 and Transportation contingency plan for investigations east of the corner of Rose Drive and Oxford Way and west of corner of Channing Circle and Clifton Court.
12/4/95	4	Cathy Turner	Caroline Rudolph, (DTSC)	Proposed removal of Tires and Hides Area. Letter states that there is no valid work plan in place because the community was not given sufficient time to respond.
12/4/95	1	Dick Lubin	Caroline Rudolph, (DTSC)	Letter regarding CEQA initial study and draft Negative Declaration. Removal action in the Tires and Hides Area.
12/4/95	6	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Memo from Jody Sparks (TAG); Transmittal of City of Benicia comments on Initial Study and draft Negative Declaration for removal action in the Tires and Hides Area.
12/4/95	2	Richard Lubin, (Resident)	Caroline Rudolph, (DTSC)	Provides comments on the CEQA initial study and draft Negative Declaration for the Tires and Hides Area.
12/1/95	2	Jeannie H. Blakeslee, (CIWMB)	Chris Belsky, (State Clearinghouse & C. Rudolph)	SCH# 95113036 Proposed Negative Declaration for the Solano County Removal Action, Tires and Hides Area.
12/1/95	14	Prepared by Cal-EPA, DTSC		Sampling and Analysis Work Plan, Lot 259 of Tires and Hides Area.
12/1/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field work schedule for the week beginning 12/11/95. West of the Corner of Channing Circle and Clifton Court, Tires and Hides Area.
12/1/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule for field work for the week beginning 12/11/95, for Continuation of the removal work in the vicinity of the former buried tanks.
12/1/95	2	Ted Splitter, (LFR)	Jody Spark, (City of Benicia)	Request for amendment to the encroachment permit #950022 and grading permits #950004. Also includes information requested by memo on behalf of the city dated 11/25/95.
12/1/95	55	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised status report on investigations in Tires and Hides Area and work plan for removal action. Also includes copy of letter requesting amendment to the encroachment permit #950022 and grading permit #950004.
12/1/95	4			Southampton, meeting dates and schedule for removal action attached
12/1/95	3			Tank removal project update
11/30/95	7	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on Tank Area field work technical memo 2.2.6-1. Modifications to the revised work plan for soil/bedrock and groundwater investigation.
11/30/95	1	Peter Russell, (Russell Resources, Inc.)	Bill Ryan, (DTSC)	Thanks for call informing him of changes to Braitto staff team.

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11/30/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to comments in letters of 10/3 and 11/13/95 re: March and June 1995 analytical results.
11/30/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to letters of 10/3/95 & 11/13/95 to Dr. Russell regarding the March and June 1995 analytical results.
11/30/95				Hillside Area Slides Nov. Dec 95 Investigation
11/29/95	1	Bill Ryan, (DTSC)	Braitto Landfill Committee Members	Letter changing BLC meeting and making project team changes.
11/29/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Guidelines for disposal of stockpiled "Hides" and associated soil waste material from Tires and Hides Area.
11/29/95	52	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Draft work plan to conduct a Preliminary Endangerment Assessment. Study Area Operable Unit.
11/29/95	3	Watson Gin, (DTSC)	scott McKinlay, (Granite Management Co)	Response regarding disposal of material from Tires and Hides Area.
11/28/95	13	Caroline Rudolph, (DTSC)	Larry Fullington	Summary of sampling results in Tires and Hides Area. DTSC-094
11/28/95	3	Caroline Rudolph, (DTSC)	Braitto Landfill Committee Members	Changes to Tire & Hides Area Report/Removal Work Plan
11/22/95			Caroline Rudolph, (DTSC)	PEA scoping meeting - "Scribe" sheets transcript
11/22/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Field schedule for week beginning 12/4/95 Hillside Area.
11/22/95	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Review of Tires and Hides Area work plan for clean closure, finds acceptable.
11/21/95	8	(H.M.L.)	Jose Luevano, (DTSC)	GC/MS lab report for semivolatile organics, quality control summary, and HML sample analysis request for Channing Circle and Clifton Court.
11/21/95	5	Stephen Berger, (RWQCB)	Caroline Rudolph, (DTSC)	Comments on Hides and Tires Area removal action work plan
11/20/95	4	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Study Area PEA list of interviewees with fax confirmations to Peter Russell and Margaret Dollbaum
11/20/95	3	H.M.L.	Jose Luevano, (DTSC)	Lab report for chromium at Channing Circle and Clifton Court. Includes quality assurance for hexavalent chromium and HML sample analysis request.
11/20/95	3	H.M.L.	Jose Luevano, (DTSC)	Lab report for metal analysis (Cr) in leather sample at Channing Circle and Clifton Court. Quality assurance metals and HML sample analysis request.
11/20/95	3	Haz. Materials Lab	Jose Luevano, (DTSC)	Results for metals in Tires and Hides Area. Quality assurance summary for ICP and HML sample analysis request.
11/20/95	2	Sam Martinez, Jr. (DTSC)	Caroline Rudolph, (DTSC)	Braitto Landfill list of potential interviewees.
11/20/95	3	Susan Knadle (OEHA)	Caroline Rudolph, (DTSC)	Status report on investigations in the Tires and Hides Area and workplan for removal actions.
11/20/95	16	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Draft Study area work plan interim deliverables; site description, background and environmental setting.
11/20/95	1			Hazardous materials sample analysis request, Tires and Hides Area
11/19/95	1	Caroline Rudolph, (DTSC)	Larry Fullington	Summary of telephone conversation on 11/19/95 re: wastes behind Channing Circle and Clifton Court.
11/19/95	1	Lawrence Fullington, Jr.	Caroline Rudolph, (DTSC)	Letter regarding proposed removal of waste in Tires and Hides Area.
11/17/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in field schedule for week beginning 11/27/95 Hillside Area.
11/15/95	29	Don Plain, (DTSC)	State Clearinghouse	Tires and Hides Area removal action initial study and request for shortened review.
11/15/95	10	EMCON for Granite Management Co.	John Robertson, (RWQCB)	Third quarter 1995 field observation reports.
11/15/95	51	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Third quarter 1995 Groundwater monitoring report North Canyon area. (Table and Text via fax)
11/15/95	44			Final public participation plan - Braitto Landfill site
11/14/95	2	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Transmittal letter and mailing list for Final Public Participation Plan for Braitto Landfill site.
11/14/95	4	Jim Marxen, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Follow up to the PEA scoping meeting on 10/20/95. Enclosed are DTSC's suggested language for the community profile section for the Study Area PEA.
11/14/95	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly field inspection report for October, 1995
11/14/95	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly site inspection report for September 1995
11/14/95	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report for October 1995

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11/14/95	200	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Third quarter 1995 groundwater monitoring report.
11/14/95	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly site inspection for October 1995.
11/14/95	3	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly site inspection for September 1995.
11/13/95	7	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on analytical results for soil-gas and utility-gas samples collected in June 1995.
11/13/95	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Comments on quarterly sampling and analysis - analytical results for soil-gas and utility-gas samples collected in June 1995
11/10/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in field schedule for week beginning 11/13/95 and field schedule for week beginning 11/20/95 Hillside Area.
11/10/95	18	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Technical memo 2.2.6-1 re: modifications to the revised work plan for soil/bedrock and groundwater investigation in the buried Tanks Area and attachment re: feasibility assessment.
11/9/95	7	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments re: Final SOW Maintenance Work Plan document
11/8/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Third Quarter Indoor Air sampling NCOU
11/8/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of 3rd quarter indoor air sampling results for use in RI/FS
11/8/95	4	Michael Olson, (Southampton Co.)	Community	Southampton project update.
11/7/95	1	Eric Wallberg (DTSC)	File	Summary of telephone call with Kitty Hammer at City of Benicia re: Tires and Hides Area zoning.
11/7/95	58	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Comments on Communication Strategy for use in Community Contingency Plan.
11/7/95	200	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised status report and work plan for removal actions - Tires and Hides Area with corrections dated 12/1/95
11/7/95	72			Status Report on Investigations in the Tires and Hides Area and work plan for removal actions.
11/6/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on sampling and analysis plan for SOW monitoring. DTSC-084
11/6/95	86	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Status report on investigations in the Tires and Hides Area and work plan for removal actions in that area.
11/3/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Change in field schedule for week beginning 11/6/95 and proposed field schedule for week beginning 11/13/95 Hillside Area.
11/1/95	17	Allen Storm, (Russell Resources, Inc.)	Bill Ryan (DTSC)	Analytical results for scrap leather samples for Hides and Tires Area.
11/1/95	1			Start work notice for removal work in Tires and Hides Area.
11/1/95	2		Jose Luevano	Tires and Hides Area CEQA/ Workplan Review.
10/31/95	5	Marc Boswell (DTSC)	Caroline Rudolph, (DTSC)	Review of Community Contingency plan dated 5/30/96 including Boswell's comments.
10/30/95			Caroline Rudolph, (DTSC)	Field work began at the Hillside Area pursuant to the July 19, Response to approval comments, revised final work plan for investigation and removal of surface scrap metal from a portion of the Hillside North of Palace Court
10/30/95	8	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Third Quarter indoor air sampling results.
10/27/95	26	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Initial completeness review of draft prior investigations report/RI workplan and comments.
10/27/95	4	Hazardous Materials Laboratory	Jose Luevano, (DTSC)	Lab report for organochlorine pesticides at Blake Court and Rose Drive #950503
10/27/95	2	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Revisions to language on signs with comments from Dan Shiada at City of Benicia
10/27/95	27	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Final SOW maintenance work plan North Canyon Area and Study Area.
10/27/95	24	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Final SOW site maintenance workplan North Canyon and Study Area Operable Units.
10/27/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 11/6/95 Hillside Area.
10/26/95	18	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on and call for re-submittal of Revised Baseline Health Risk Assessment work plan with comments from Steve DiZio, Susan Knadle, and Tom Busfield.
10/26/95	3	Caroline Rudolph, (DTSC)	Bill Ryan, (DTSC)	Status and background events related to 10/27/95 response letter to Draft Prior Investigations Report and RI Work Plan.
10/26/95	3	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Fax memo with copies of Encroachment permit and memo re: Hillside Area permit applications.

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10/25/95	9	Stephen DiZio (DTSC)	Caroline Rudolph, (DTSC)	Compiled comments from Susan Knadle at OEHA and Steve DiZio at DTSC on BHRA WP
10/25/95	3	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Technical memo 2.2.5-1 re: Modifications to the Health and Safety Plan and the Transportation plan for the Hillside Area.
10/25/95	3	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed wording for signs posted at Hillside Area for investigation and removal of surface scrap metal.
10/25/95	4	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Letter, figure, and exhibit re: signs at Hillside area.
10/25/95	74			Discussion draft. Status report on investigations in the Tires and Hides Area and modifications to the work plan on surface investigations
10/20/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule of field work beginning 10/23/95 and 10/30/95 Tires and Hides Area.
10/20/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 10/30/95 Hillside Area.
10/20/95	4			PEA Scoping meeting 10/20/95 attendance sheets, rules of meeting, and agenda.
10/19/95	1	Eric Wallberg (DTSC)	Jody Sparks, (TAG)	Additional files that DTSC would like to review in hopes of concluding their review.
10/19/95	1	Jody Sparks, (TAG)	Eric Wallberg (DTSC)	Scheduling of remaining DTSC file review.
10/19/95	11	Richard Lubin	Caroline Rudolph, (DTSC)	Request and petition from public that Braitto landfill clean-up be dealt with in a more timely manner.
10/18/95	11	Sam Martinez, (DTSC)	Caroline Rudolph, (DTSC)	Review of the City of Benicia files. Attached is a list of boxes and original sign off sheet and date
10/17/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	City of Benicia is ready to issue permits for Hillside Area, DTSC should send a notice to residents identifying a start date for investigatory work.
10/17/95	3	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Comments on draft Prior Investigations Report and RI Work Plan.
10/17/95	3	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Summary and results of bar hole sampling for subsurface gas.
10/17/95			Caroline Rudolph, (DTSC)	Revised work study area PEA work plan outline
10/16/95	5	Don PLain, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	DTSC has provided all material re: Braitto site.
10/16/95	1	Jody Sparks, (TAG)	Dan Shiada (City of Benicia)	Status of issuance of permits by City for Hillside Area.
10/16/95	1	Jody Sparks, (TAG)	Margaret Dollbaum, (Folger-Levin-Kahn)	Additional sources of information in City's files to review.
10/16/95	3	Nancy McGee (DTSC)	Caroline Rudolph, (DTSC)	Comments on draft Prior Investigations Report and RI Work Plan
10/16/95	7	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report for September 1995
10/14/95	9	Richard Lubin	Caroline Rudolph, (DTSC)	Comments on removal and transportation of material and time schedule. Includes signatures of 61 neighbors.
10/13/95	4	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on August monthly summary report.
10/13/95	14	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on SOW maintenance work plan, includes comments from City of Benicia and TAG
10/13/95	112	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical results for soil-gas and utility-gas samples collected in June 1995 - North Canyon Area.
10/13/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 10/23/95 Tires and Hides Area.
10/13/95	45	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical results for second quarter soil-gas and utility-gas samples attached. Appendix A Laboratory analytical reports not included.
10/12/95	2	Emcon Associates	(DTSC)	Second Interim Report. Landfill gas monitoring at Blake Court. May through July 1982.
10/12/95	5	Emcon Associates	(DTSC)	More in depth results in Second Interim Report. Landfill gas monitoring system. May-July 1982
10/11/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Preliminary outline for PEA activities. DTSC-077. Letter requests revision and expansion.
10/11/95	3	Jesse Huff, (DTSC)	Jack Frazee, (Granite Management Co.)	Letter responding to offer to halt the pursuit of the Protective Order.
10/11/95	1	Jody Sparks, (TAG)	Peter Russell, (Russell Resources, Inc.)	City of Benicia does not object to you "mowing" the Hillside Area prior to receiving permits to begin work.
10/11/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed changes to field schedule for week beginning 9/22/95. Proposed field schedule for week beginning 10/9/95. Tires and Hides Area
10/6/95	1	(DTSC)	Office of Planning and Research	Notice of Exemption (NOE): Title - Remedial Investigation, Braitto Landfill, Hillside Scrap Metal Area, Benicia. CA

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10/6/95	3	DTSC Haz. Materials Lab	Craig Silver (DTSC)	Lab report for Tires and Hides Area for cyanide ion and inorganic quality assurance.
10/6/95	4	Haz. Materials Laboratory	Craig Silver (DTSC)	Inorganic soil analyses results for HML #'s 950371-373.
10/6/95	5	Haz. Materials Laboratory	Craig Silver (DTSC)	Lab report for HML #'s 950371-73.
10/6/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	RP should prepare a sign that states that Channing Circle park is open temporarily.
10/6/95	1	Jody Sparks, (TAG)	Margaret Dollbaum, (Folger-Levin-Kahn)	Proposed schedule for file review at TAG and City of Benicia offices.
10/6/95	6	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Comments regarding Hillside work plan, Health & Safety Plan, and the Transportation Plan.
10/6/95	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Jody Sparks, (TAG)	Proposed schedule for review of public records.
10/6/95	5	Peter Russell, (Russell Resources, Inc.)	Don Plain, (DTSC)	Response to letter concerning further Tank Area work. They intend to complete the work.
10/6/95	2	Sam Martinez, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Per your request attached is letter from DTSC to City of Benicia re: site file review.
10/6/95	6	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed changes to field schedule for week of 9/22/95 and 10/9/95. Tires and Hides Area.
10/5/95	10	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Case narrative for SCL #'s 14920, 14925-26
10/5/95	10	(HML)	Caroline Rudolph, (DTSC)	Case narrative analytical report, water samples
10/4/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of errata sheets for investigation and removal of surface scrap metal, Hillside Area. DTSC-074
10/4/95			Caroline Rudolph, (DTSC)	Study Area PEA work plan outline
10/3/95			Caroline Rudolph, (DTSC)	Technical Memorandum No. 2.2.7-3 related to field work in the Tires & Hides Area pursuant to Order Section 6.7.1
10/3/95	2	Caroline Rudolph, (DTSC)		Modification to the work plan for the Tires and Hides Area.
10/3/95	7	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Case narrative for SCL #'s 14919, 14923-24
10/3/95	3	Margaret Dollbaum, (Folger-Levin-Kahn)	Shawn Mason, (City of Benicia)	File review request to City of Benicia
10/3/95	15	Michael Stoll, (LFR)	Caroline Rudolph, (DTSC)	Partial wipe sample results for Sept. 19, 1995 collection.
10/3/95	5	Phyllis Fox, (Russell Resources, Inc.)	Jose Luevano, (DTSC)	Draft outline for the Study Area PEA work plan.
10/3/95	7	Ted Splitter, (LFR)	Dan Schiada (City of Benicia)	Grading permit application, encroachment application, and storm water management plan for investigation and removal of surface scrap metal from Hillside Area.
10/3/95	1	Tom Busfield	Caroline Rudolph, (DTSC)	Comments on draft Prior Investigations Report and RI Work Plan.
10/2/95	101	Julie Sharp, (LFR)	Caroline Rudolph, (DTSC)	Lab reports for soil samples collected for the Tires and Hides Area.
10/2/95	7			Case narrative, analysis report, Blake Court.
10/1/95	5	Craig Silver (DTSC)	File	Hazard appraisal and recognition plan daily site visit documents for September 1995
10/1/95				Lab. Results from Lot 198 and Tires and Hides investigation.
9/29/95	3	Jennifer Beatty (LFR)	Caroline Rudolph, (DTSC)	Technical memo 2.2.7-2 re: modifications to the health and safety plan for Tires and Hides Area.
9/29/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Weekly site inspection report for August 1995
9/29/95	6	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed changes to the schedule for field work beginning 10/2/95 and proposed schedule for field work to be conducted October 9-13, 1995. Tires and Hides Area.
9/29/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed changes to field schedule for weeks of 9/22/95 and 10/9/95. Tires and Hides Area.
9/28/95	6	Donald Plain (DTSC)	Peter Russell, (Russell Resources, Inc.)	Follow up response action for Tank Area remediation. DTSC-071
9/28/95	4	Haz. Materials Laboratory	Craig Silver (DTSC)	Lab report for SO4, metals, sulfate, and grain size for Tires and Hides Area.
9/28/95	3	Haz. Materials Laboratory	Craig Silver (DTSC)	Lab report for HML #'s 950318-322. Tires and Hides Area.
9/27/95	5	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	City of Benicia's comments on SOW Site Maintenance work plan.
9/27/95	2	Miles Perez, (SCDEM)	Caroline Rudolph, (DTSC)	Braitto Landfill Mao List

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9/27/95	2	Miles Perez, (SCDEM)	Caroline Rudolph, (DTSC)	List of Braitto Landfill parcel maps found at SCDEM
9/27/95	2			Modification to the health and safety plan
9/27/95			Caroline Rudolph, (DTSC)	Technical Memorandum No. 2 related to field work in the Tires & Hides Area pursuant to Order Section 6.7.1
9/26/95	7	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Preliminary draft summary tables of analytical results and figures of Tank Area.
9/25/95	6	Haz. Materials Laboratory	Bill Langan (DTSC)	Lab report for metals, VOA-8020, SVO-8270, diesel/gas 5030, oil and grease, and PCB's (8080).
9/22/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week of 10/2/95 for Tires and Hides Area.
9/22/95	11	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Errata on three Response to Approval comment documents: work plan for investigation and removal of surface scrap metal, transportation plan, and health and safety plan.
9/19/95	20	Haz. Materials Laboratory	Jennifer Rich, (DTSC)	Lab reports for HML # 940576
9/19/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Looking for errata sheets for Hillside Area work plan.
9/18/95	1	Miles Perez, (SCDEM)	Caroline Rudolph, (DTSC)	Finds sampling and analysis plan for SOW adequate.
9/18/95	1	Miles Perez, (SCDEM)	Caroline Rudolph, (DTSC)	Comments on Sampling and Analysis Plan for SOW. Found to be adequate.
9/15/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Confirmation of 9/20/95 meeting to discuss organization and results of consultative work group and 9/22/95 RI strategy meeting.
9/15/95	14	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Permits and associated conditions required of Granite prior to work beginning.
9/15/95	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report for August 1995
9/15/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 9/25/95. Tires and Hides Area.
9/14/95	100	ChemRisk for Granite Management Co.	Caroline Rudolph, (DTSC)	Revised BHRA work plan.
9/14/95	7	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Case narrative for Blake Court. TPH analysis.
9/14/95	5	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Lab results for Blake Court HML #'s 950219-235
9/14/95	2	Pamela Zimba at Russo Weintraub, Bellia, and Morton	Caroline Rudolph, (DTSC)	Comments submitted by plaintiff's counsel on a number of documents.
9/14/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Transmittal letter for Baseline Health Risk Assessment for North Canyon.
9/12/95	6	Caroline Rudolph, (DTSC)	Interested Parties	Copies of 2 example contingency plans are enclosed to assist in reviewing Braitto Contingency Plan.
9/12/95	5	Caroline Rudolph, (DTSC)	Susan Knadle, (OEHHA)	Examples of contingency plans, DTSC-69
9/12/95	3	Felicia Marcus (Cal EPA)	Senator Dianne Feinstein	Response to inquiry made 6/27/95 re: concerns over environmental conditions and possible health risks in Benicia.
9/12/95	7	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Case narrative for SCL #'s 14922, 14927-28
9/12/95	10	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Lab results for HML #'s 950223, 24, and 34
9/12/95	25	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	SOW Site Maintenance Work Plan, North Canyon & Study Area Operable Unit, Benicia, CA
9/12/95	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Finds sampling and analysis plan for SOW monitoring acceptable for slope stability and gas monitoring.
9/12/95	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Finds sampling and analysis plan for SOW monitoring to be acceptable for slope stability monitoring and gas monitoring.
9/11/95	25	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab reports for HML #'s 950214-218
9/11/95	0	Hazardous Materials Laboratory	Jose Luevano	HML Request, soil and water samples
9/11/95	97	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Transmittal of two Community Contingency Plans to assist community in reviewing Braitto Plan. Also located in C2g documents 738 and 739.
9/11/95	5			Braitto Landfill Committee meeting synopsis for September 11, 1995 (4:00 p.m.).
9/11/95	5		Steve DiZio, (DTSC)	Braitto Landfill Committee Meeting, September 11, 1995 4-6 pm Benicia City Hall Council Chambers.
9/9/95	40	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Community contingency plan for Westminster site - Used as a reference for community to aid in commenting.

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9/9/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Confirmation that City of Benicia's files will be available to review by DTSC on 9/11/95, 9/14-15/95
9/8/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of revised addendum to report on additional soil and groundwater investigation. DTSC-067
9/8/95	3	Richard McMurtry (RWQCB)	Bill Ryan, (DTSC)	Proposed cleanup plan for completing investigation and closure at Tank Area.
9/8/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 9/22/95 Tires and Hides Area.
9/7/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Format for technical memoranda. DTSC-068
9/7/95	200	City of Benicia	(DTSC)	Field report notes from City of Benicia files 9/7/95
9/6/95	2	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Comments on draft prior investigations report and RI work plan.
9/6/95				Daily Field Reports from City of Benicia's files review of 9/6/95.
9/5/95	3	F. Hussain, (H.M.L.)	Jose Luevano, (DTSC)	Lab report for Oxford and Rose Drive. Tires and Hides Area. Chromium 6 results, Inorganic quality assurance and calibration curve.
9/5/95	25	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab reports for HML #'s 950199-206
9/5/95	1	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Technical Memo #1. Proposes modification to the sampling interval described in task 2 of wp. Tires and Hides Area.
9/5/95	1	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Technical memo 1 re: proposed modifications to the sampling interval Tanks Area.
9/5/95	4			Hazardous Materials Sample Analysis Request, Southampton, Braito Landfill, Lot 198
9/2/95	9	W.J. Langan, (DTSC)		Hazard appraisal and recognition plan daily site visit document. Tires and Hides Area.
9/1/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on work plan for Hillside Area transportation and health and safety plans. DTSC-066
9/1/95	6	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab report for metals for Tank Area.
9/1/95	1	Jody Sparks, (TAG)	Otto Giuliani, (City of Benicia)	Comments on language for signs for Tires and Hides Area.
9/1/95	6	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Copy of memo from Jody to City of Benicia re: requirements for Hillside metals investigation.
9/1/95	6	Jody Sparks, (TAG)	Don Plain, (DTSC)	Memorandum from Jody Sparks at TAG to Otto Giuliani regarding City of Benicia requirements, Hillside Metals Investigation and attachment entitled Figure 1.
9/1/95	16	Jose Luevano, (DTSC)		Hazard appraisal and recognition plan daily site visit document for Tires and Hides Area.
9/1/95	51	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Sampling and Analysis plan for SOW monitoring. Docket 94/95-004
9/1/95	82	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Draft prior investigations report and remedial investigations workplan for North Canyon.
9/1/95	6	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for leather for week beginning 9/11/95. Tires and Hides Area.
9/1/95	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 9/11/95 Tires and Hides Area.
9/1/95	11			City of Benicia's Southampton Project File Index and sign off sheet for file review
9/1/95	1			RI Work Plan September meeting attendance sheet.
8/31/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on July 1995 Monthly summary report. DTSC-064
8/31/95	3	Jody Sparks, (TAG)	Don Plain, (DTSC)	Correspondence from Tom Busfield, resident to Sue Sher, DTSC, 08/31/95
8/31/95	4	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Weekly site inspection reports for June and July, 1995
8/31/95	200	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical Results for Soil-gas and Utility gas samples collected in March, 1995, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
8/30/95	7	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Second Quarter indoor air sampling conducted in house along Rose Drive in the North Canyon Area.
8/30/95	1	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for the 3rd quarter soil gas monitoring event for 1995
8/29/95	11	Donald Plain (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC-063 re: Study area PEA Scoping meeting scheduled for 9/14/95. Also requesting submission of a preliminary outline of the work that Russell proposed to conduct to complete the PEA.
8/25/95	7	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of listed documents re: Tires and Hides Area investigation. DTSC-061

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8/25/95	7	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Mike Sorensen's comments on Draft sampling and analysis plan for SCW monitoring, and confirmmation that all comments have been conveyec to RRI. DTSC-062
8/25/95	4	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule of field work beginning 9/1/95, Tires and Hides Area.
8/24/95	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Request to review document to be mailed out re: New communications strategy with DTSC and community.
8/21/95	1	Eric Wallberg (DTSC)	Jody Sparks, (TAG)	Confirmation of file review at the City of Benicia for September 5 and 6, 1995.
8/18/95	8	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on maintenance analysis and recommendations. DTSC-06C
8/18/95	4	City of Benicia City Works	Ted Splitter, (LFR)	Grading permit issued 8/18/95, expires 12/15/95 for Tires and Hides Area behind Channing Circle Park.
8/18/95	4	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Lab results for HML #'s 950157-160
8/18/95	9	Haz. Materials Laboratory	Jose Luevano, (DTSC)	Case narrative for SCL #'s 14912-914
8/18/95	75	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised health and safety plan including emergency response and contingency plan for investigation and removal of surface scrap metal from a portion of the Hillside Area.
8/18/95				Copy of grading permit for Hides & Tires Area.
8/17/95	14			Study Area OU PEA Technical Meeting agenda and sign-in sheets August 17, 1995
8/16/95		Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised pages (Revision 3) of Field and Laboratory Procedures Manual for Investigation/Remediation Activities.
8/15/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on and approval of analytical results for soil-gas and utility-gas samples collected December 1994. DTSC-059
8/15/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on and approval of analytical results for soil-gas and utility-gas samples collected September 1994. DTSC-058
8/15/95	9	Caroline Rudolph, (DTSC)	Interested Parties	Enclosed are copies of data related to dioxin testing. DTSC-057
8/15/95	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly Summary Report - July 1995
8/15/95	15	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised addendum to report on Additional Soil and Groundwater Investigations in the North Canyon Area.
8/14/95	1	Donald Plain (DTSC)	Office of Planning and Research	Notice of Exemption for project: Remedial Investigation, Braito Landfill, Hides and Tires Area.
8/14/95	9	Haz. Materials Laboratory	William Langan, (DTSC)	Case narrative for SCL #'s 14903-907 Tank Area.
8/14/95		Hazardous Materials Laboratory	William Langan, (DTSC)	HML analysis request, soil sample results
8/14/95	200	Peter Russell, (Russell Resources, Inc.)	John Robertson, (RWQCB)	Second Quarter 1995 groundwater monitoring report - North Canyon area.
8/12/95	3			Hazard appraisal and recognition plan daily site visit document for Jose Luevano for Tank Area dated 8/18, 8/21, and 12/11/95.
8/11/95	15	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised pages and inserts for the Field and Laboratory Procedures Manual for Investigation/Remediation Activities.
8/10/95	6	Caroline Rudolph, (DTSC)	J.D. Walters	Confirmation of samples taken from 810 Rose Drive and their status. DTSC-056
8/10/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on monthly summary for June 1995.
8/10/95	6	Caroline Rudolph, (DTSC)	J. D. Walters	Analytical Test, DTSC-55
8/10/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Review of the June monthly report, DTSC-041
8/9/95	1	Caroline Rudolph, (DTSC)	Joe Walters	Results of semi volatile organic analysis for soil samples.
8/9/95	9	City of Benicia Public Works	Ted Splitter, (LFR)	Encroachment permit for subsurface investigation in Tires and Hides Area. Includes proof of insurance for Levine - Fricke and letter from Sanwa bank.
8/9/95	2	Stewart MacLennan, (Folger and Levin)	Caroline Rudolph, (DTSC)	Transmittal letter from Ray Shehan's deposition.
8/9/95	2	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Response to action item from 8/7/95 BLC meeting. Letter from Peter Russell to Jose Luevano titled Request for meeting to discuss accelerated submittal of a Revised BHRA workplan.
8/9/95	4	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule of field work for the weeks of August 14th and 21st, 1995. Tank Area, Southeast of the intersection of Rose Drive and Cambridge Drive.
8/9/95	4	Val Siebal, (Cal-EPA)	Peter Russell, (Russell Resources, Inc.)	Designates DTSC as administering (lead) agency at Braito site.

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8/9/95	5	Val Siebal, (Cal-EPA)	Jesse Huff, (DTSC)	Designation of DTSC as lead agency for the Hazardous waste release site located at Braitto landfill.
8/8/95	12	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Lab reports for Volatile Organic Analyses in the Tires and Hides Area of Braitto site.
8/8/95	2	Jody Sparks, (TAG)	Don Plain, (DTSC)	Draft working paper record of communication between Jody Sparks, TAG and Don Schiado, City of Benicia, 8/8/95
8/8/95	8	Jody Sparks, (TAG)	Don Plain, (DTSC)	Fax sent to Shawn Mason Attached
8/8/95	1	T.J. Turner	Caroline Rudolph, (DTSC)	A letter concerning DTSC's commitments to the homeowners and residents.
8/7/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Updates on Braitto team personnel and their addresses.
8/7/95	5	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Copy of letter from Granite to community. Sparks expresses concern over having to receive this letter second hand from a community member.
8/7/95	3	Jose Luevano, (DTSC)		Notes taken by Jose Luevano re: interview of Ray Sheehan concerning Hides & Tires Area.
8/7/95	2	Peter Russell, (Russell Resources, Inc.)	Jose Luevano, (DTSC)	Proposed meeting to discuss accelerated submittal of a revised Baseline Health Risk Assessment Work Plan on 8/10/95.
8/7/95	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Comments on Maintenance Analysis and Recommendations - Southampton
8/4/95	1	Jennifer Beatty, (LFR)	Caroline Rudolph, (DTSC)	Prefield interview scheduled with Ray Shehan via conference call on 8/7/95 at 8:00pm
8/4/95	2	Mike Sorensen, (DTSC)	Jose Luevano, (DTSC)	Comments on Sampling and Analysis Plan for SOW
8/4/95	14	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Maintenance analysis and recommendations North Canyon and Study Area OU's
8/4/95	12	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Maintenance analysis and recommendations, North Canyon and Study Area OU.
8/3/95	4	Michael Ason	Neighbours	Letter to community regarding the recently completed activities.
8/2/95	25	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to approval comments transportation plan for investigation and removal of surface scrap metal from a portion of the Hillside Area.
8/1/95	5	Caroline Rudolph, (DTSC)	Tom Busfield	Status of data privately analyzed for dioxins and supplied by Tom Busfield. DTSC-055
8/1/95	6			Braitto Landfill update (August, 1995); investigation activities to begin at the Hides and Tires Area.
8/1/95	2			California Environmental Protection Agency site designation committee, Resolution No 95-16 August 1, 1995
7/31/95	1	Caroline Rudolph, (DTSC)	Joe Walters	Inorganic metal results
7/31/95	1	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Updated figure (Exhibit 1) from the Consent Order provided by Levine - Fricke
7/29/95	2	TJ Turner	Caroline Rudolph, (DTSC)	Letter from community member re: letter from Levine - Fricke had some corrections left off.
7/28/95	2	Jody Sparks (City of Benicia)	Roberta James (cal-EPA)	Request to provide Jody Sparks, a representative for the city, to the Consultative Work Group.
7/28/95	27	William Vance (OEHHA)	Caroline Rudolph, (DTSC)	Background information and reference values for dioxin contaminated soils.
7/28/95	5	William Vance (OEHHA)	Caroline Rudolph, (DTSC)	Background information and reference values for dioxin contaminated soils.
7/27/95	2	(DTSC)	File	List of pictures
7/27/95		Hazardous Materials Laboratory	Jose Luevano	GS/MS Lab report, water samples
7/27/95	2	Jose Luevano	File	Field note Log/ Jose Luevano and Eric Wallberg
7/27/95	3	Margaret Dollbaum, (Folger-Levin-Kahn)	Steve Koyasako (DTSC)	Response to request for information re: recent reports on change of management at Southampton Project
7/26/95		(HML)	Luevano Jose	HML, Berkeley GCMS Sample Authorization Inquiry Log, water
7/26/95	25	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Lab reports for 810 Rose Drive.
7/26/95	6	Julie Sharp and Deni Chambers, (LFR)	Caroline Rudolph, (DTSC)	Corrections to: Response to Approval Comments: Transportation Plan for Subsurface Investigations - Tires and Hides Area; Revised Health and Safety Plan, Including Emergency Response and Contingency Plan - Tires and Hides Area.
7/25/95	1	Sam Martinez, (DTSC)	Caroline Rudolph, (DTSC)	Follow up to report of large scale sheep deaths at site in 1970's
7/24/95	1	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Request for hazardous materials sample analysis for pH, metal scan, and VOA's.
7/24/95		Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Lab report for polychlorinated biphenyls, soil and water samples.

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7/21/95	12	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Status of review and general comments on Draft Sampling and Analysis Plan for SOW Monitoring dated July 6, 1995. Also includes memo from Susan Knadle with OEHHA's comments dated 7/21/95
7/21/95	2	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on Draft Sampling and Analysis Plan for SOW Monitoring dated 7/6/95.
7/20/95	9	Daniel Schiada (City of Benicia)	Ted Splitter, (LFR)	Comments on application for encroachment/ grading permit for subsurface investigation in Tires and Hides Area.
7/20/95	5	Daniel Schiada (City of Benicia)	Ted Splitter, (LFR)	Comments on encroachment/grading permit applications for subsurface investigations. Includes a memo from Michael Alvarez to Daniel Schiada with Parks and Community Services comments on applications.
7/20/95	3	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Request for file review at OEHHA beginning 7/21/95 at 9:00am.
7/20/95	3	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Copy of letter from Granite Management Co. to the Site Designation Committee and Cal-EPA regarding Southampton's Application for Designation of Administering Agency.
7/20/95	2	Miles Peres, (EHD)	Jose Luevano, (DTSC)	Comments generated during review
7/19/95		Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised pages of Field and Laboratory Procedures Manual for Investigation/Remediation Activities.
7/19/95	1	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Disagrees with DTSC's decision that it is inappropriate to include in the Monthly Status Report references to certain DTSC documents which are not expressly referenced in the Consent Order
7/19/95	50	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to approval comments on revised final work plan for investigation and removal of surface scrap metal.
7/19/95	22	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Errata to: Response to Approval Comments, Revised workplan for a subsurface....(5/30/95); Response to Approval Comments. transportation plan... (5/30/95); and Response to Approval Comments. Revised Health & Safety Plan, including emergency... (6/7/98).
7/19/95	1	Thomas W Busfield	John Robertson, (RWQCB)	Community Contingency Plan requested
7/17/95	16	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly summary report for June 1995
7/17/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Update distribution addresses for Michael Olson and Scott McKinlay
7/14/95	2	Caroline Rudolph, (DTSC)	Ross Sagun	Response to letter looking for information on findings which affect his property.
7/14/95	8	Caroline Rudolph, (DTSC)	Joyce Lowe	Status and findings at 929 Rose Drive (Lot 103) and drafts.
7/14/95	14	Caroline Rudolph, (DTSC)	Robert Horowitz	Response to letter looking for information re: findings at Lot 95 and drafts.
7/14/95	2	Caroline Rudolph, (DTSC)	Ross Sagun	Lot report for 865 Channing Circle and status of Tires and Hides Area.
7/14/95	3	Caroline Rudolph, (DTSC)	Steve Hannigan and John McGough at World Savings and	Lot report for 907 Rose Drive (Lot 95).
7/14/95	4	Caroline Rudolph, (DTSC)	Joyce Lowe, (Transamerica Financial Services)	Lot report for 929 Rose Drive (Lot 103).
7/14/95		John Robertson, (RWQCB)	James Cornelius, (SWRCB)	A brief summary of the Southampton Landfill Project and outlines the existing roles for the primary oversight agencies involved in this project
7/11/95	10	Jesse R. Huff, (DTSC)	Thomas E. Busfield, (Rose Drive Community Action)	Letter to thank for the letter dated June 15, 1995 to Governor Wilson regarding Braito
7/11/95	2			Study Area PEA Technical Meeting - Tuesday 7/11/95 10am-3pm. Agenda and sign in sheet.
7/10/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Second quarter indoor air sampling data for use in the RI/FS. DTSC-048
7/10/95	4	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	It is inappropriate to include DTSC documents in monthly summaries. DTSC-041
7/10/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of data contained in First quarter indoor air sampling report for RI/FS. DTSC-040
7/7/95	12	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments and call for revision of Final Draft report on methane migration investigation. DTSC-050
7/7/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Fourth quarter 1994 groundwater monitoring for RI/FS. DTSC-049
7/7/95	2	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Confirming telephone conference call scheduled for 7/10/95 at 10:00am re: comments on draft Public Participation Plan.

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7/7/95	4	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on the Final Draft Report on Methane Migration Investigations dated 11/4/95
7/6/95		Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Sampling and analysis plan for SOW monitoring, pursuant to order SOW Task 8.0
7/6/95	1	Jody Sparks, (TAG)	Otto Giuliani, (City of Benicia)	Scheduling of informal meeting with community members and DTSC staff to discuss Contingency Plan.
7/6/95	4	Jody Sparks, (TAG)	Otto Giuliani, (City of Benicia)	Transmittal to BLC members re: technical meeting for study area investigation.
7/6/95	75	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Draft sampling and analysis plan for SOW monitoring.
7/3/95	14	Caroline Rudolph, (DTSC)	Braitto Landfill Committee Members	Draft agenda packet for "final" technical meeting scheduled for 7/11/95. DTSC-046
7/3/95	9	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	SOW Doc #80 Addendum to Report on Additional Soil and Groundwater Investigation, North Canyon Area, Benicia, CA, December 6, 1994 DTSC-047
7/3/95	1	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Prefield interview with Ray Shehan scheduled for 7/6/95 at 4:00pm re: investigation of Braitto site.
7/2/95	10	Caroline Rudolph, (DTSC)	File	Hazard appraisal and recognition plan daily site visit document.
7/1/95	85			Consent Order - Docket No. 94/95-004 - Health & safety code section 25355.5(a)(1)(c)
7/1/95	1			Braitto Project Update: Restart of field work at the Tank Investigation Area, Benicia, CA
6/30/95	2	Margaret Dollbaum (Folger-Levin-Kahn)	Heidi Hansen, (DTSC)	Request for copies of all comments received by DTSC on Draft Public Participation Plan for Braitto site.
6/30/95	3	Thomas E. Busfield, (Resident)	Caroline Rudolph, (DTSC)	Letter requesting Rudolph's written response to several items.
6/29/95	22	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on Field and Laboratory Procedures Manual for investigation/remediation activities. DTSC-044
6/29/95	22	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Results of lab analysis of soil samples collected on 5/17/95 in testing parallel to that conducted by technical consultants for plaintiffs in the Solano Superior Court consolidated actions, Lagrimas v. Southampton Co. et al.
6/29/95	5	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on revised field and laboratory procedures manual for investigation/remediation activities at Southampton Development.
6/28/95	2	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Memo requesting response to Tom Busfield's concerns re: overall impact of the Contingency Plan and what it encompasses.
6/28/95	5	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Substitute page two for Coordination plan.
6/28/95	6	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Second quarter indoor air sampling conducted on Rose Drive in the North Canyon Area.
6/28/95	5	Timothy Crist, (RWQCB)	Caroline Rudolph, (DTSC)	Record of burn ash sample collected during the installation of gas monitoring probe in Blake Court Area. Includes Chain of Custody sheet and 3 pages from a project log book.
6/27/95	5	Caroline Rudolph, (DTSC)	Michael Tessier, (City of Benicia)	DTSC comments on plan to prepare a fire break within fenced area behind Channing and Clifton Courts. DTSC-045
6/27/95	500	George Lew, (Engineering Lab Branch)	Caroline Rudolph, (DTSC)	Recommendations for ambient source directed monitoring for metals. Attachments 1 and 2.
6/27/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Updated distribution list.
6/23/95	17	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on and call for revision of Scrap metal health and safety plan. DTSC-043
6/22/95	10	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC 042 DTSC comments re: Community Contingency plan, dated 5/30/96.
6/22/95	10	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on community contingency plan. DTSC-042
6/22/95	5	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Comments on draft public participation plan.
6/21/95	6	(DTSC)	File	Monitoring meeting in Fairfield about GW, soil, gas, slope areas. Peter R. Ted S. Myles, John W., Susan K., Tim C., John R., and Jose L.
6/20/95	100	Peter Russell, (Russell Resources, Inc.)	Stanley Phillippe, (DTSC)	Application form: Request for designation of administering agency with Consent Order as attachment.
6/19/95	1	Julie Sharp, (LFR)	Caroline Rudolph, (DTSC)	Prefield interview scheduled with Ray Shehan for 6/22/95 at 2:00pm in connection with Braitto site
6/19/95	4	Steve Ritchie, (RWQCB)	Michael Olson, (Southampton Co.)	Comment and approval for work plan for soil/bedrock and groundwater investigation, Former UST area. Former Braitto Landfill Vicinity, Benicia, CA

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6/17/95	5	(RWQCB)	Urban Braitto	Waste Discharge Requirements. Order No. 75-36
6/16/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Comments on draft project management plan. DTSC-039
6/16/95	4	Jody Sparks, (TAG)	Don PLain, (DTSC)	Braitto, Docket No. 94/95-004 Notice of final technical scoping meeting.
6/15/95	80	Kerner Weppner and Rosenbaum	Honorable William E. Jensen	Attorneys for residents submit two declarations regarding residents' exposure related claims.
6/15/95	7	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Monthly Summary Report for May, 1995
6/14/95	3	Jim Marxen, (DTSC)	Stan Phillippe (DTSC)	A letter to Steve Belluomini from Tom Busfield - Re: Stipulation for entry of Protective Order and Protective Order in the Matter of Former Solano County Landfill, Benicia, CA
6/14/95	2	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Location of the SOW monitoring meeting
6/14/95	7	Susan Knadle (OEHA)	Caroline Rudolph, (DTSC)	Dioxin Information: Working internal draft document for information of State staff
6/14/95	4	Ted Splitter, (LFR)	Don Schiada, (City of Benicia)	Application for encroachment and grading permits for subsurface investigation in Tires and Hides Area incorporates comments from City of Benicia dated 5/23-6/9/95.
6/12/95	2	Julie Sharp, (LFR)	Caroline Rudolph, (DTSC)	Prefield Interview scheduled with Jody Sparks and Dan Schiada via conference call. Scheduled for 6/15/95 at 8:30am and 9:00am respectively.
6/12/95	7	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Letter regarding a telephone conversation about data development by plaintiffs in the consolidated actions known as lagrimas vs. southampton, et al.
6/12/95	2	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Notice of SOW monitoring meeting for Wednesday 6/21/95 at 10am in Fairfield, CA.
6/12/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Notice of final technical scoping meeting.
6/9/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Response to final slope stability investigation. DTSC-036
6/9/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of report on further groundwater investigations in Blake Court area for RI/FS. DTSC-037
6/9/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of First quarter groundwater monitoring for RI/FS. DTSC-035
6/9/95	4	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Second and Third quarter groundwater monitoring for RI/FS data. DTSC-034
6/9/95	7	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	First quarter indoor air sampling conducted on Rose Drive in the North Canyon Area.
6/7/95	6	Caroline Rudolph, (DTSC)	Interested Parties1 - BLC	Document review and comment for Braitto Landfill Site Draft DTSC-033
6/7/95	5	Jim Marxen, (DTSC)	File	Status of field work/ notes from BLC meeting
6/7/95	75	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to approval comments. Revised health and safety plan, including emergency response and contingency plan, investigation of Corner of Rose Dr. and Oxford Way and west of Corner of Channing Circle and Clifton Court -- Tires and Hides Area
6/7/95	1			Braitto Landfill Committee meeting, June 7, 1995, 4-6 PM, Benicia City Hall Council Chambers
6/6/95	8	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Final Coordination Plan
6/5/95	2			FAX confirmation of Southampton Project - key activity - removal action
6/2/95	10	Jim Marxen, (DTSC)	File	Agenda, Braitto Landfill oversight meeting/weekly notes.
6/2/95	3			Agenda and sign-in sheets from Braitto Landfill Oversight Meeting on 6/2/95.
6/1/95		Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical results for soil-gas and utility-gas samples collected in December 94, NCOU
6/1/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of data in report on additional soil and groundwater investigation. DTSC-031
6/1/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC has reviewed the report - Statement of Work (SOW) #5- "North Canyon Reconnaissance Investigation Work Plan for the Former Braitto Landfill, Benicia, CA, August 23, 1991 DTSC-038
6/1/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	DTSC has reviewed the reports denoted as SOW #13 & SOW # 31 DTSC-032
6/1/95	9	Unknown	DTSC Staff	Notes to file about cursory review and notes on consent agreement.
5/31/95		Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Project Coordination Plan
5/31/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of data in North Canyon reconnaissance investigation phase 1 report for RI/FS. DTSC-030

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5/31/95	5	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of data in preliminary site investigation at 876 Rose Drive for PA/SI. DTSC-029
5/31/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of Document 23, Southampton development study of methane concentrations in house crawl spaces. DTSC-028
5/31/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Conditional approval of documents 11 and 15 - Data reports for Blake Court (Lots 37-40, 81-86, 88). DTSC-027
5/31/95	6	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of data in data report for Blake Court environmental investigation. DTSC-026
5/31/95	11	Caroline Rudolph, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Approval of Document 12 - Historical overview of environmental conditions at North Canyon. DTSC-025
5/31/95	87	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Project Management Plan: Former Solano County Sanitary Landfill.
5/30/95	1	Peter Russell, (Russell Resources, Inc.)	Otto Giuliani, (City of Benicia)	Revised Consent Order: Will receive two copies of all documents, one for City files, and one for repository.
5/30/95	31	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Community Contingency Plan
5/30/95	465	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to Approval Comments Revised Work Plan for a Subsurface Investigation, Tires and Hides Area, Benicia, CA
5/30/95		Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to Approval Comments Transportation Plan for Subsurface investigations east of the corner of Rose Drive and Oxford Way and west of the corner of Channing Circle and Clifton Court.
5/26/95	150	(LFR)	(DTSC)	Field and Lab Procedures Manual with revisions dated 7/19/95
5/26/95	1	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Proposed schedule for second quarter soil-gas monitoring event. Scheduled for the week of 6/11/95.
5/26/95	250	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Field and Laboratory Procedures Manual for Investigation/Remediation Activities at the Former Solano County Sanitary Landfill, Benicia, CA
5/24/95	7	Jennifer Rich, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Consent Order Mail-out
5/23/95	1	Assemblyman Tom Hannigan	Caroline Rudolph, (DTSC)	Change of date of Oversight Meeting to Friday 6/2/95
5/23/95	5	Dan Schiada (City of Benicia)	Ted Splitter, (LFR)	Permit application for the subsurface investigation near Channing Circle and Clifton Court. Tires and Hides Area.
5/19/95	3	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule of field work for week of 5/29/95 for Tires and Hides Area.
5/19/95	250	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Final Slope Stability Investigation Report North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
5/19/95	58			Capabilities and services report on Levine - Fricke, Inc. Engineers, hydrogeologists, and applied scientists. Resumes enclosed.
5/18/95	5	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Re: Designation of Ms. Caroline Rudolph as the Project Manager for the Braitn Landfill site, by DTSC. pursuant section 7.2.1 of the Consent Order(94/95 - 004)
5/18/95	12	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Revised Field and Laboratory Procedures Manual (FLPM) Conditional Approval - DTSC-023. Attached are: 1.) A memo from Brad Parsons to Caroline R. dated 5/2/95, & 2.) A memo from Bart Simmons to Jose Luevano dated 5/9/95
5/18/95	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	re: Tires and Hides Area interviews. Notification in accordance with the work plan, calling for interviews with appropriate employees or agents of the Southampton Co. and the City of Benicia.
5/17/95	3	Margaret Dollbaum, (Folger&Levin)	Caroline Rudolph, (DTSC)	Identifies Peter Russell as Project Coordinator. and requests that a copy of all written communication is sent to Margaret Dollbaum.
5/17/95	6	Stephen DiZio (DTSC)	Jody Sparks, (TAG)	Re: Memo " Review of Data Analysis for Waste Classification. August 30, 1994".
5/17/95	3			Encroachment permits for Tires and Hides Area.
5/16/95	4	Tom Koegel (Folger, Levin)	Jennifer Rich, (DTSC)	News Release:- Solano Landfill revised consent order signed, speeding up clean-up
5/15/95	220	Stan Phillippe (DTSC)	Peter Russell, (Russell Resources, Inc.)	Re: DTSC revokes the revised Fence & Post Order which was issued to Granite dated April 6, 1995, Revised consent order, Docket no. 94/95-004, dated May 15, 1995
5/15/95	2	Susan Knadle (OEHA)	Caroline Rudolph, (DTSC)	Scientific reports on an association between ryegrass pollen and the aggravation of allergies and the precipitation of acute attacks of asthma.
5/15/95	3			Southampton Project Workplan
5/15/95	12			Francis T. Lagrimas et al plaintiffs vs. Southampton Company, et al, defendants and consolidated cases. Re: stipulation for entry of protective order and protective order.

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5/13/95	12	Richard Keenan (Folger Levin)	Caroline Rudolph. (DTSC)	Copy of letter to Michael Kerner, counsel to plaintiffs (Southampton Co.) expressing objection to the proposed sampling plan of their attorneys, Dames and Moore.
5/13/95	12	Richard Keenan (Folger Levin)	Steve Koyasako (DTSC)	Proposed stipulation for entry of protective order and protective hearing with respect to case Lagrimas, et al. vs. Southampton Co.
5/12/95	22	Caroline Rudolph. (DTSC)	Margaret Dollbaum. (Folger-Levin-Kahn)	Tires and Hides Area Health and Safety Plan conditional consent order DTSC 020
5/12/95	5	Caroline Rudolph. (DTSC)	Margaret Dollbaum. (Folger-Levin-Kahn)	Approval of monthly reports for indoor air sampling for August & September. DTSC-024
5/12/95	400	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie at CRWQCB	First Quarter 1995 Groundwater Monitoring. NCOU.
5/12/95	2	Tim Crist (CIWMB)	Caroline Rudolph. (DTSC)	Review of Final Draft for the Methane Migration Investigation of the Tank Area.
5/11/95	4	Susan Knadle (OEHHA)	Caroline Rudolph. (DTSC)	Comments on Revised Field and Laboratory Procedures Manual for Investigation/Remediation Activities at the Southampton Development, Benicia, CA
5/10/95	2	Jody Sparks, (TAG)	Caroline Rudolph. (DTSC)	Community request for copies of documents. TAG suggests to add some community members to its distribution list.
5/10/95	8	Jose Luevano, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Scrap metal Hillside Area transportation plan, conditional consent order DTSC-022
5/10/95	3	Ted Splitter, (LFR)	Stanley Phillippe, (DTSC)	Schedule of field work for the week of 5/22/95. Tires and Hides Area.
5/10/95	3	Ted Splitter, (LFR)	Stanley Phillippe, (DTSC)	Schedule for field work for the weeks of 5/15 and 5/22/95. Tires and Hides Area.
5/9/95	7	Ted Splitter, (LFR)	Lee Cowles, (City of Benicia)	Encroachment permit application for subsurface investigation of Tires and Hides Area.
5/7/95	1	Caroline Rudolph, (DTSC)	all interested parties	Letter announcement the release of the consent order.
5/4/95	10	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph. (DTSC)	Letter enclosing attachment I and clarifying agreement regarding estimates of the outer limits by which certain tasks are to be performed in accordance with the consent order.
5/4/95	21	Steven Ritchie, (RWQCB)	Michael Olson, (Southampton Company)	Transmittal of final order No. 95-081 updated waste disposal requirements
5/3/95	1	Jody Sparks, (TAG)	Jose Luevano and Nancy McGee (DTSC)	Thanks staff for work on Braitto landfill project.
5/3/95	1	Richard Lubin	Caroline Rudolph. (DTSC)	Has not yet received a copy of Health and Safety Report for Tires and Hides Area. Forwarded to Margaret Dollbaum
5/2/95	1	Assemblyman Tom Hannigan	Caroline Rudolph. (DTSC)	Meeting scheduled with DTSC for 5/26/95 for oversight meeting
5/2/95	5	Brad Parsons (DTSC)	Caroline Rudolph. (DTSC)	Technical request to review field & laboratory procedures for Southampton development
5/2/95	3	Deni Chambers, (LFR)	Caroline Rudolph. (DTSC)	Schedule of field work for the week of 5/8/95. Tires and Hides Area.
5/2/95	2	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph. (DTSC)	Attachment I to Consent Order
5/2/95	1			Scrap metals workshop sponsored by DTSC on Tuesday, May 2nd, 1995 at Benicia City Hall Commission Room, Benicia, CA at 7:00 AM. DTSC will discuss the Scrap Metal Area Investigation work plan for May, 1995
5/1/95	13	Jesse Huff, (DTSC)	Jack Frazee, (Granite Management Co.)	Response to request that DTSC halt additional soil sampling at the Tank Area where two deaths recently occurred.
5/1/95	1			Fact Sheet - May 1995: Braitto Landfill Update: "Fieldwork completed for May and June"
5/1/95	10			Packet includes 1) Scrap metals workshop for Tue., 5/2/95 announcement; 2) Braitto Landfill Update Hides & Tires Area, Tires and Debris Area; and 3) Braitto Landfill fact sheet, dated March 1995.
4/28/95	6	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph. (DTSC)	Forwarding a copy of Attachment I to Consent Order, revised in accordance with our discussion the previous week.
4/28/95	2	Ted Splitter, (LFR)	S. Phillippe and C. Rudolph, (DTSC)	Schedule for field work for the week of 5/1/95 Tires and Hides Area.
4/27/95	2	Jody Sparks, (TAG)	Jim Marxen, (DTSC)	Events planned for 5/2/95: Informal meeting with DTSC at Tom Busfield's home and then at Hillside Metals Area Workshop at City Hall
4/27/95	2	Jody Sparks, (TAG)	Caroline Rudolph. (DTSC)	DTSC's request to participate in Project Team Meeting on 5/2/95
4/27/95	5	Susan Knadle (OEHHA)	Caroline Rudolph. (DTSC)	Comments on health and safety plan including emergency response and contingency plan investigation
4/25/95	3	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Schedule of field work for the weeks of 5/1 & 5/8/95, visit of former buried tanks. Tank Area, Benicia, CA

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4/25/95	3	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Schedule of field work for the week of April 24, 1995, Tires and Hides Area, Benicia, CA
4/24/95	12	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Conditional approval and comments on Tires and Hides Area transportation plan for subsurface investigation. DTSC-019
4/18/95	3	Marc Boswell, (Office of Scientific Affairs)	Caroline Rudolph, (DTSC)	Comments on the Health and Safety Plan for the Hillside Area.
4/14/95	2	Sam Martinez, (DTSC)	Jose Luevano, (DTSC)	Transportation Plan comments
4/13/95	5	Kitty Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Comments on Health and Safety Plan Hillside Area.
4/10/95	3	Sam Martinez, (DTSC)	Jose Luevano, (DTSC)	Transportation plan comments
4/6/95	11	Stanley Phillippe (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	DTSC-013: Revised Fence and Post Order
4/5/95	1	Anna Hilde-Smith	Caroline Rudolph, (DTSC)	Expresses concern over forthcoming work to be performed on Metals Hillside Area.
4/5/95	34	Caroline Rudolph, (DTSC)	Katherine Hammer, (City of Benicia)	Drinking water protocol for McColl site to be modified for Braitto site. DTSC-018
4/5/95	3	Jody Sparks, (TAG)	Don Plain	Correspondence from Scott D. McKinlay, Granite Management, Corporation to John Busfield, RDCAC, 3/29/95
4/4/95	6	Bob Hoffman, (DTSC)	Steve Koyasako (DTSC)	Office of the Chief Counsel Route Slip. Attached is a letter to Jesse Huff from Jack Frazee, dated 3/28/95 and a letter to Stan Phillippe from Margaret Dollbaum, dated 2/10/95
4/4/95	5	Caroline Rudolph, (DTSC)	Tom Busfield	Response to request for Tim Crist's log notes from in-house monitoring of 3/2/95. DTSC-017
4/4/95	3	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Changes to the DTSC 3/17/95 conditional approval of revised final work plan for investigation and removal of surface scrap metal from a portion of Hillside North of Palace Ct. 2 copies
4/4/95	6	Peter Russell, (Russell Resources, Inc.)	Steve Ritchie (RWQCB)	Information requested by John Robertson to expand on 3/24/95 comments on the 3/1/95 Tentative Order, Southampton, Benicia, CA
4/3/95	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Former Solano County Sanitary Landfill
4/3/95	250	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Interim Report on Soil/Bedrock and Ground-water Investigations in the Vicinity of Former buried Tanks, Tank Area, Benicia, CA
4/2/95	1	Jim Marxen, (DTSC)	Public	Comment period for Public Participation Plan has been extended to 6/15/95.
3/31/95	6	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Comments on Transportation Plan, Tires and Hides Area Investigation/ Remediation. Comments from Parks and Community Service and Director of Public Works.
3/31/95	15	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	fax letter: Comments on Health & Safety Plan, Tires and Hides Area. Also comments on Transportation Plan.
3/31/95	1	Margaret Dollbaum, (Folger-Levin-Kahn)	Jim Marxen, (DTSC)	Confirming the time period for commenting on the draft Public Participation Plan.
3/31/95	75	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Health and Safety Plan for Investigation and Removal of Surface Scrap Metal from a Portion of the Hillside North of Palace Court & Revised Field and Lab Procedures Manual for Investigation/Remediation Activities at the Former Solano County, Benicia, CA
3/31/95	300	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Revised Field and Laboratory Procedures Manual for Investigation/Remediation Activities at the Former Solano County Sanitary Landfill, Benicia, CA
3/30/95	4	Marc Boswell, (Office of Scientific Affairs)	Caroline Rudolph, (DTSC)	Memo regarding Health & Safety Plan of 3/15/95.
3/30/95	5	Marc Boswell, (Office of Scientific Affairs)	Caroline Rudolph, (DTSC)	Health and Safety Plan for Southampton, memo prepared by Marc Boswell.
3/28/95	5	Jack Frazee (Granite Management Co)	Jesse Huff, (DTSC)	Correspondence regarding Former Solano County Sanitary Landfill
3/28/95	3	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Correspondence regarding Former Solano County Sanitary Landfill
3/28/95	2	Susan Knadle (OEHHA)	Jennifer Rich, (DTSC)	References on the Oxidation of Chromium(III) to Chromium(VI)
3/28/95	30	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Transportation Plan for Investigation and Removal of Surface Scrap Metal from a Portion of the Hillside North of Palace Court, Benicia, CA
3/27/95	2	Gene Gantt (Deputy Fire Chief, City of Benicia)	Kitty Hammer, (City of Benicia)	Comments on Health & Safety Plan. Tires and Hides Area.
3/27/95	3	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Schedule of Field Work for the weeks of March 27 and April 3, 1995, Vicinity of Former Buried Tanks, Tank Area, Benicia, CA
3/24/95	1	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Request for McColl testing procedures for use in relation to concerns about safety of drinking water.

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3/23/95	25	Caroline Rudolph. (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Conditional approval of revised workplan for subsurface investigation and possible interim remedial measures for Tires and Hides Area. DTSC-016
3/23/95	2	Michael Alvarez (Director Parks & Comm. Services)	Katherine Hammer (City of Benicia)	Comments on Health & Safety Plan. Tires and Hides Area.
3/22/95	2	Otto Giuliani at City of Benicia	Assistant Planning Director	Health & Safety Plan for Channing Circle. Tires and Hides Area.
3/21/95	37			Work Plan for Additional Site Assessment of the North Canyon historical footprint area (Lots 86 and 103).
3/20/95	3	Hazardous Materials Laboratory	Caroline Rudolph. (DTSC)	Braitto Site: Sample disposition: HML # 940655-940657; 940653-940654; 940672-940700
3/20/95	1	Michael Tessier	Michael Olson	West of Channing Circle to the Vallejo-Benicia border
3/17/95	8	Caroline Rudolph. (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Conditional approval of revised final workplan for investigation and removal of surface scrap metal in the Hillside Area. DTSC-015
3/17/95	3	Margaret Dollbaum. (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Identifies Peter Russell as Project Coordinator and Ted Splitter of Levine Fricke as Project Engineer/Geologist
3/15/95	5	Caroline Rudolph. (DTSC)	Janice Catalano. (Law Offices of Patrick Catalano)	Response to comments on DTSC's workplan for soil sampling on Lots 86 and 103. DTSC-014
3/15/95	73	Ted Splitter. (LFR)	Stan Phillippe (DTSC)	Health and Safety Plan, including Emergency Response and Contingency Plan Investigation, Tires and Hides Area, Benicia, CA
3/14/95	30	Ted Splitter. (LFR)	Stan Phillippe (DTSC)	Transportation Plan for Subsurface Investigation and Possible Interim Remedial Measures Tires and Hides Area, Benicia, CA
3/13/95	3	Bonnie Walstoncraft (DTSC)	Tom Busfield (Rose Drive Community Action Community)	Letter to Tom Busfield discussing the 2061 workgroup
3/13/95	7	Bonnie Walstoncraft (DTSC)	Tom Busfield	Response to request for information re: 2061 workgroup. DTSC-112
3/13/95	1	Ron Scheufler. (Solano County)	Caroline Rudolph. (DTSC)	Newsweek: "Wanna get fit? Eat this Rock". Chromium: mettel metal
3/10/95	1	Caroline Rudolph. (DTSC)	Braitto Landfill Committee Members	Regarding conducting sampling along Rose Drive in Benicia. CA
3/10/95	20	(DTSC)	File	Scoping meeting 1980 Field note questions
3/9/95	5	Caroline Rudolph. (DTSC)	Margaret Dollbaum. (Folger-Levin-Kahn)	Two letters enclosed that were originally omitted from letter dated 2/28/95 and denoted as DTSC-010.
3/9/95	10	Caroline Rudolph. (DTSC)	Margaret Dollbaum. (Folger-Levin-Kahn)	Copy of letter and memo re: site monitoring and slope stability contingency plan.
3/8/95		Craig Silver	File	Engineer's daily report, DTSC
3/8/95	2	Janice Catalano	Caroline Rudolph. (DTSC)	Soil Sampling Work Plan for Lots 86 and 103, March 15, 1996. original copy
3/8/95	1	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	Scoping committee's field notes sub- committee meeting slated for 3/10/95 at-TAG
3/8/95	4	Kitty Hammer. (City of Benicia)	Jose Luevano. (DTSC)	Comments regarding revised work plan.
3/7/95	2	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	Correspondence from Jody Sparks to Michael Olson 3/7/95
3/7/95	9	Sam Martinez. (DTSC)	Caroline Rudolph. (DTSC)	Fence & Post Order, Southampton. (H&S code section 25359.5)
3/6/95	6	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	Handwritten memorandum from Jody Sparks' TAG to file 2000, dated 1/4/93, 6/2/93, 2/10/94 and 3/4/95 regarding list of possible individuals to contact
3/5/95	1	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Clarification of the information regarding production of construction supervisor field notes to various members of the BLC, original copy
3/3/95	2	Ted Splitter. (LFR)	Stan Phillippe (DTSC)	Schedule of field work for the 3/6 and 3/13/95, Vicinity of Former Buried Tanks, Tank Area, Benicia, CA, Original copy
3/2/95	6	Caroline Rudolph. (DTSC)	Tom Busfield	Response to letter dated 2/14/95 re: methane sampling and ground penetrating data results. DTSC-009
3/2/95	35	Caroline Rudolph. (DTSC)	Margaret Dollbaum. (Folger-Levin-Kahn)	Soil Sampling Work Plan for Lots 86 and 103. DTSC-012
3/2/95	5	Caroline Rudolph. (DTSC)	Peter Russell. (Russell Resources, Inc.)	Tank Area Negatives
3/1/95	24	Caroline Rudolph. (DTSC)	Jody Sparks. (TAG)	Response to six correspondences dated Feb 7 and 8, 1995 re: various tasks related to Braitto site. DTSC-007
3/1/95	2	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	Concerns expressed by community representatives at project team meeting of 2/27/95.
3/1/95	2	Jody Sparks. (TAG)	Caroline Rudolph. (DTSC)	Regarding access to historical and current document in the possession of DTSC. Braitto Landfill Project

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3/1/95	2	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Correspondence from Ann Meridith, City of Vallejo to Michael Olson, Southampton Company, 2/6/95
3/1/95	9	Michael Gibson (Latham & Watkins)	Sam Martinez, (DTSC)	Requested pages from "Technical Report - Solano County Landfill, Benicia, CA" - prepared by Harding-Lawson, March 3, 1976
3/1/95	8			Fact Sheet : Braitto Landfill - "Hides and Tires" Area and Hillside Debris Area Workplans - March 1995
2/28/95	1	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Conditional approval of Revised Slope Stability Contingency Plan. Comments enclosed from City of Benicia.
2/28/95	6	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Copy of #267 - Comments and conditional approval of Revised slope stability contingency plan. DTSC-010
2/28/95	12	Craig Thompson	Robert Conheim	Southampton Site-Hazardous Waste
2/27/95	15	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Status of results of the air pathway analysis... DTSC-004
2/25/95	1	Thomas Duly	Jim Marxen, (DTSC)	838 Rose Drive, Benicia, CA - Lot 198
2/24/95	5	Caroline Rudolph, (DTSC)	Katherine Hammer (City of Benicia)	Regarding disclosure statement for the former Braitto Landfill Site DTSC-003
2/24/95	1	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Clarification of names of Granite - First Nationwide Bank.
2/24/95	3	Stanley Phillippe	Jack Frazee	Regarding the revised consent order for the former Braitto Landfill
2/23/95	2	Deni Chambers, (LFR)	Stan Phillippe & Caroline Rudolph (DTSC)	Schedule of field work for the weeks of 1 and March 6, 1995, Vicinity of Former Buried Tanks, Southeast of the Intersection of Rose Drive, Cambridge Drive, Benicia, California
2/23/95	2	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Review of revised work plan for the Hide area and Scrap metal area, Braitto Landfill. File No. 49-AA-0010
2/23/95	3			Hazard appraisal and recognition plan daily site visit document for Sam Martinez Jr.
2/21/95	5	Margaret Dollbaum (Folger-Levin-Kahn)	Stanley Phillippe (DTSC)	Response to comments of letter dated 2/14/95 regarding background information and discussions relating to securing the Tires and Hides area. Also requests that DTSC withdraw the Order and invoke appropriate dispute resolution procedures.
2/21/95	6	Margaret Dollbaum, (Folger-Levin-Kahn)	Stanley Phillippe (DTSC)	Former Solano County Sanitary Landfill, Benicia, CA, It was faxed to Steve Koyasako from Stan Phillippe
2/21/95	7	Mike Sorenson (DTSC)	Caroline Rudolph, (DTSC)	Braitto Landfill: Final conclusions & recommendations regarding the slope stability investigation for the Blake Court and Rose Drive area
2/17/95	2	Kenton Gee (LFR)	Stan Phillippe (DTSC)	Schedule of field work for the weeks of 2/20/95 & 2/27/95, Vicinity of Former Buried Tanks, Tank Area, Benicia, CA
2/17/95	2	Margaret Dollbaum, (Folger-Levin-Kahn)	Jesse Huff, (DTSC)	Consent Order, Docket No. 94/95-004, Former Solano County Sanitary Landfill, Benicia, CA
2/17/95	2			Summary of conference call with Margaret Dollbaum and Peter Russell on Friday 2/17 at 10:00 with Caroline Rudolph
2/16/95	11	American Environmental Network	Russell Resources Inc.	Laboratory results of the Soil Sample analyses.
2/16/95	1	Office of the Attorney General D-8	DTSC(Legal)	Claimant - Granite Savings Bank, Claim No. - G 298489
2/16/95	2	Tom Koegel (Folger-Levine)	Caroline Rudolph, (DTSC)	Replacing signs at Lots 49, 51 and Blake Court, Benicia, CA
2/15/95	5	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Approval of document 59 - First quarter 1994 groundwater monitoring. DTSC-006
2/15/95	51	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Revised Work Plan for Soil/Bedrock and Ground-water Investigation in the Vicinity of Former Buried Tanks, Tank Area, Benicia, CA
2/14/95	5	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	DTSC-005 Guidelines for future scoping meetings.
2/14/95	300	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie (RWQCB)	Fourth Quarter 1994: Groundwater monitoring, North Canyon Area. NCOU
2/14/95	300	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie (RWQCB)	Fourth Quarter 1994 Groundwater Monitoring, NCOU.
2/14/95	15	Stan Phillippe (DTSC)	Jack Frazee (Granite Management Co)	Issuing the Fence and Post order to FN Projects Inc.
2/13/95	16	Dick Lubin	Ms. Caroline Rudolph	Letter to record the residents concerns regarding the hazardous wastes dumped around residents homes.
2/13/95	7	Jack Frazee (Granite Management Co)	Tom Hannigan, Assemblyman	Progress in the environmental investigation at the Former Solano County Sanitary Landfill, Benicia, CA
2/13/95	10			Order to Fence and Post (Health and Safety Code Section 25359.5)

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2/10/95	4	Jack Frazee (Granite Management Co)	Stan Phillippe (DTSC)	DTSC's Consent Order, "In the Former Solano County Sanitary Landfill, Benicia, California." Docket No. 94/95-004
2/10/95	3	Margaret Dollbaum (Folger-Levin-Kahn)	Stanley Phillippe/ Caroline Rudolph (DTSC)	Believes that further testing proposed by DTSC is unnecessary and states that the RP's will not pay for it.
2/10/95	2	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Schedule of Field Work for the weeks of February 13 and February 20, 1995, Vicinity of Former Buried Tanks, Tank Area, Benicia, CA
2/8/95	3	Lawrence Fullington, Resident	Caroline Rudolph, (DTSC)	Revised workplan for Channing Circle and Clifton Court
2/8/95	2	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Finalization of Methane Migration Investigation Report, November 1994. Former Solano County Sanitary Landfill, Benicia, CA. Original Copy.
2/8/95	2	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	"Flux Chamber" Investigation Report, Former Solano County Landfill, Benicia, CA. Original Copy.
2/8/95	2	Peter Russell, (Russell Resources, Inc.)	Susan Knadle (OEHA)	Field measurement of chromium during subsurface investigation east of the corner of Channing Circle and Clifton Court, Benicia, CA
2/8/95	9	Richard Lubin	Caroline Rudolph, (DTSC)	Hazardous wastes that Southampton has dumped behind their homes
2/7/95	5	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Fact sheet/Real estate Disclosure Document. Original Copy.
2/6/95	2	Steve Bauer, (LATHAM & WATKINS)	Caroline Rudolph, (DTSC)	Consent Order No. 94-95/004 and Information Request Re: Former Solano County Sanitary Landfill
2/3/95	2	Julie Sharp, (LFR)	Stan Phillippe (DTSC)	Schedule of field work for the weeks of February 6 and February 13, 1995, vicinity of former buried tanks, Tank Area, Benicia, CA. Original copy
2/3/95	2	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	DTSC's announcement at the public meeting in Benicia on January 27, 1995 concerning procedures for future meeting for Former Solano County Sanitary Landfill, original copy.
2/3/95	29	Sam Martinez, (DTSC)	Peter Russell, (Russell Resources, Inc.)	Sample Transportation Plan
2/3/95	3	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Transmittal of Revised Implementation Schedule Fig. 4 from the Revised Final work plan for Investigation and Removal of Surface Scrap metal, dated January 31, 1995
2/2/95	2	Mike Sorensen (DTSC)	Caroline Rudolph, (DTSC)	Comments on revised Site Monitoring and Slope Stability Contingency Plan, Braito Landfill.
2/1/95	3	Kitty Hammer (City of Benicia)	Richard Lubin	Meeting; Access to Channing Circle Hides Area. Attached is a letter to Kitty Hammer from Jody Sparks dated 2/1/95
2/1/95	6	Michael Kerner/Neil Rosenbaum	Superior Court of California	Plaintiffs' Introductory Statement: Case No. 114730
2/1/95	2	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Schedule for indoor air sampling for Feb. 1994, North Canyon Area, Benicia, CA. Fax & Hard copy
1/31/95	6	Jack Frazee (Granite Management Co)	James Strock	Former Solano County Sanitary Landfill, Benicia, CA. Consent Order Docket No. 94/95-004 in the DTSC
1/31/95	16	Michael Kerner/Neil Rosenbaum	Superior Court of California	Declaration of Patrick J. Sullivan, Ph.D.
1/31/95	3	Michael Olson	Neighbors of Southampton Co.	Summary of accomplishments of the Rose Drive investigation during 1994
1/31/95	8	Steve Hoyt	Caroline Rudolph, (DTSC)	Analytical report enclosed for the samples which were received by EAS on Jan 16, 1995 for flux chamber sampling project # 93-T0525
1/31/95	1	Susan Knadle (OEHA)	Peter Russell, (Russell Resources, Inc.)	Soil testing for total and hexavalent chromium
1/31/95	40	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Revised Work Plan for a Subsurface Investigation and Possible Interim Remedial measures East of the corner of Rose Drive and Oxford Way and West of the corner of Channing Circle and Clifton Court. Benicia, CA
1/31/95	46	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Revised Final Work Plan for Investigation and Removal of Surface Scrap Metal from a portion of Hillside North of Palace Court, Hillside/Scrap metal Area, Benicia, CA. - Reference in Paragraph 2.2.5 of Consent Order Statement of work
1/30/95	6	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	DTSC reviewed. Statement of Work (SOW), document # 14: "Data Report for Blake Court Groundwater Monitoring, Benicia, CA, November 17, 1992". Attached is a letter to S. Phillippe & C. Rudolph, dater 12/29/94

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1/30/95	6	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	DTSC reviewed a report, Statement of Work(SOW), document # 9: "Water Sampling results and Groundwater Sampling Network Proposal for the Former Braitto Landfill." Attached is a letter to Stan Phillippe from Richard McMurtry, dated December 29, 1994
1/30/95	2	Kitty Hammer, (City of Benicia)	Caroline Rudolph, (DTSC)	Comments: Revised Site Monitoring & Slope Stability Contingency Plan. Lab result tables for soils and pieces North of Palace Court faxed to R. Scheuffer, J. Sparks, D. Chan, J. Marcotte, P. Ruffin, T. Crist, E. Foon, and A. Hilde-Smith.
1/29/95	29	Caroline Rudolph, (DTSC)		Lab results for soils and pieces.
1/29/95	28	Caroline Rudolph, (DTSC)		Lab results for soils and pieces.
1/27/95	1	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Tank Area Negatives. November 1994. Southampton, Benicia, CA
1/27/95	11	Peter Russell, (Russell Resources, Inc.)	Susan Knaddle, (DTSC)	Information on hexavalent chromium in sale ad water kit
1/27/95	1			Southampton Meeting: 1-27-95
1/26/95	3	Jack Frazee (Granite Management Co)	Stan Phillippe (DTSC)	Proposal to consolidate progress on areas of environmental investigation in the former Solano County Sanitary Landfill
1/26/95	3	Stan Phillippe (DTSC)	Jack Frazee (Granite Management Co)	Confirmation of agreement to erect a security fence around the area of the Former Braitto Landfill Site i.e. Tires and Hides Area
1/26/95	3	Stanley Phillippe (DTSC)	Tom Hannigan, Assemblyman	Response to concerns: consent order negotiations between DTSC and RP.
1/26/95	5			Braitto Landfill update: Accomplishments since August 2, 1994
1/25/95	4	Tom Busfield	Tom Hannigan, Assemblyman	Writing on behalf of RDCAC & Community - List a number of issues & concerns that would like to bring to his attention.
1/24/95	2	Caroline Rudolph, (DTSC)	Howard Lewis (Southampton)	Request specific actions re: information request response to Southampton
1/23/95	1	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Southampton Field Notes 1982-1986
1/20/95	1	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Interviews with City of Benicia employees regarding activities in the area during construction of subdivision improvements
1/20/95	1	Katherine Hammer (City of Benicia)	Margaret Dollbaum (Folger-Levin-Kahn)	Draft work plan for a subsurface investigation east of the corner of Rose Drive & Oxford Way & west of the corner of Channing Circle & Clifton Court, Benicia, CA
1/19/95	4	Steve Ritchie	Michael Olson	Comment and approval for Work Plan for Soil/Bedrock and Groundwater Investigation. Former Braitto Landfill Vicinity, Benicia, CA
1/18/95	1	Jim Marxen, (DTSC)	File	DTSC held a Workshop on the "Hides and Tires" area of the Old Braitto Landfill Site on January 18, 1995 at 7:00 PM
1/16/95	1	Tom Hannigan, Assemblyman	Interested Parties	A meeting with representatives from the DTSC to discuss the status of the proposed Consent Agreement
1/13/95	15	Julie Sharp, (LFR)	Stan Phillippe (DTSC)	Revised Site Monitoring & Slope Stability Contingency Plan. North Canyon Area, Benicia, CA
1/13/95	1	Peter Russell, (Russell Resources, Inc.)	Stan Phillippe (DTSC)	(1) Work Plan for Investigation & Removal of Surface Scrap metal from a portion of the Hillside North of Palace Court. (2) Work Plan for a Subsurface Investigation East of Corner of Rose Drive and Oxford Way. Original.
1/11/95	2	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	To request copies of certain materials relating to the investigation of the Former Solano County Sanitary Landfill
1/9/95	2			List and description of aerial photograph
1/6/95	3	Steve Koyasako (DTSC)	Steve Bauer at LATHEM & WATKINS	Braitto Landfill
1/4/95	2	John Woodling, (DTSC)	Caroline Rudolph, (DTSC)	Additional well to characterize ground water in the vicinity of Well G-1
1/3/95	8	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Monthly summary report for indoor air sampling testing in November and December, 1994 from lots 48,49,50, and 51.
1/3/95	1	Thomas Koegel, (Folger and Levin)	Caroline Rudolph, (DTSC)	Correction to letter dated 12/22/94 re: preparation of response by Latham and Watkins on behalf of Southampton.
1/3/95	1	Tom Koegel (Folger & Levin)	Caroline Rudolph, (DTSC)	Consent Order No. 94/95-004, Former Solano County Sanitary Landfill
1/1/95	1			Fact Sheet - January 1995 - Tank removal project update
12/29/94	27	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	GC/MC Laboratory Report - Volatile Organics Analysis. HML # 940680, 940693, 940696-940698, 940681-comp, 94685-comp, 940687-comp, 940694-comp.....
12/29/94	2	Richard K. McMurtry	Stan Phillippe (DTSC)	Status of water quality impacts. Southampton Site.
12/29/94	2	Richard McMurtry (RWQCB)	Caroline Rudolph, (DTSC)	Results of water quality impacts on Southampton site.
12/23/94	26	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	GC/MC Laboratory Report - Volatile Organics Analysis. HML # 940672, 940673, 940675, 940674, 940680, 940676-940678.....

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12/23/94	16	Jose Luevano, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Final Work Plan for Investigation & Removal of Scrap Metal from a portion of the Hillside North of Palace Court, Benicia, CA
12/23/94	14	Jose Luevano, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Draft Work Plan for a Subsurface Investigation, Tires and Hides Area, Benicia, CA, dated 11/18/94, DTSC-001
12/23/94	40			Attachments 2 and 3 to risk assessments: dioxins and disease registry.
12/22/94	2	Caroline Rudolph, (DTSC)	Howard W. Lewis (Alma Associates)	DTSC reviewed the documents submitted on October 31, 1994 by First Nationwide Bank for the Southampton Company
12/22/94	23	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	GC/MC Laboratory Report - Semivolatile Organics Analysis. HML # 940672-940674, 940675-940679
12/22/94	1	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Draft Work Plan for Removal of Hides and Tires
12/22/94	250	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Enclosed is a copy of the disclosure document currently being used by the real estate community with regard to the Braitto Landfill
12/22/94	50	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Work Plan for Soil/Bedrock and Ground-water Investigation in the Vicinity of Former Buried Tanks, Tank Area, Benicia, CA
12/21/94	9	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Approval of data contained in Results of Soil Sampling and Analysis conducted at Lot 47 on Blake Court.
12/21/94	2	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Regarding the review of Statement of Work (SOW), document # 8: "Letter Report for Blake Court, Environmental Investigation, Hexavalent Chromium Results, CA., dated September 18, 1991"
12/21/94	5	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Statement of work (SOW) document # 17
12/20/94	4	Caroline Rudolph, (DTSC)	Patty Clark (Rose Drive)	Response to her letter requesting test in her backyard for hydrocarbons, dated November 28, 1994
12/19/94	5	Peter Russell, (Russell Resources, Inc.)	Stanley Phillippe (DTSC)	Transmittal of erratum sheet containing a revised conclusion and recommendations section for Ground-Penetrating Radar Survey report.
12/19/94	5	Peter Russell, (Russell Resources, Inc.)	Stan Phillippe (DTSC)	Transmittal of Erratum sheet to results of Ground Penetrating Radar Survey Lots 47, 49, 50 & 51, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA, July 20, 1994
12/19/94	12	Richard A. Becker, (HERSOSA)	Barbara Marcotte, (Office of Military Facilities)	Significance of dioxin levels in soil at Hamilton army air field.
12/16/94	2	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	A list of dates for the aerial photographs for the Benicia area
12/16/94	8	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Metal analysis - HML # 940672-940700
12/16/94	1	Jennifer Rich, (DTSC)	Lisa Alonge	Status of 758 Rose Drive. It is not within Study Area.
12/15/94	6	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Laboratory report for polychlorinated biphenyls. HML # 940672-940700
12/14/94	6	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Laboratory report for polychlorinated biphenyls. HML # 940685-940700
12/12/94	1			Agenda: Braitto Landfill Committee at Benicia City Council Chambers on Monday, December 12, 1994, 4:00 PM
12/9/94	2	Pamela Zimba	Caroline Rudolph, (DTSC)	Comments on the draft Work Plan for Tires and Hides area, dated November 18, 1994. Original.
12/8/94	7	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Regarding Site Monitoring and Slope Stability Contingency Plan, North Canyon area, Benicia, CA
12/8/94	6	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	Laboratory report for % dry solids determination. HML # 940672-940700
12/7/94	8	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	GC/MC laboratory report, Braitto, Cambridge Drive, Benicia, CA. HML # 940653-940654
12/7/94	150	Robert Karn at Greiner Inc.	Caroline Rudolph, (DTSC)	Documents, maps, information requested & the specifications for Braitto Landfill Site, Benicia, CA
12/6/94	7	Hazardous Materials Laboratory	Caroline Rudolph, (DTSC)	GC/MC laboratory report, Braitto, Cambridge Drive, Benicia, CA. HML # 940655-940657
12/6/94	15	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised addendum 3 to health and safety plan Tank Area.
12/6/94	9	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised addendum to the field and lab procedure manual for soil and groundwater investigation activities.
12/6/94	30	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Revised addendum to the revised work plan for location and removal of tank or tanks buried in Tank Area.
12/6/94	2	Thomas Koegel (Folger and Levin)	Caroline Rudolph, (DTSC)	The respondents believe that George Wolfson should be allowed to attend any community meetings related to Braitto site.
12/6/94		Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Addendum to report on additional soil and groundwater investigation. NCOU

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12/5/94	6	Robert Andersen (CIWMB)	Michael Sorensen (DTSC)	Review stability analysis for the Southampton disposal site.
12/5/94	4	Ross Sagun (Resident)	Caroline Rudolph, (DTSC)	Letter from resident relating to the draft work plan for the Channing Circle/Clifton Court area dated November 18, 1994.
12/2/94	15	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Draft tables showing preliminary soil-gas and ground water survey results, southeast of the intersection of Rose Drive and Cambridge Drive. Tank Area.
12/1/94	5	Thomas Koegel (Folger and Levin)	Caroline Rudolph, (DTSC)	Respondent's proposal for consent order regarding public comment issues and the involvement of the BLC.
11/29/94	2	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Fourth quarter 1994 soil, gas and ground water sampling schedule occurring during the week of December 12, 1994.
11/29/94	2	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Fourth quarter 1994 soil-gas and groundwater sampling schedule, North Canyon area.
11/28/94	4	Laszlo Saska, (DTSC)	File	Hazard appraisal and recognition plan daily site visit document Tank Area.
11/28/94	1	Patty Clark (Community)	Caroline Rudolph, (DTSC)	Request to have her backyard tested for hydrocarbons at 887, Rose Drive, Benicia, CA
11/28/94	32	Sam Martinez, (DTSC)	Caroline Rudolph, (DTSC)	Two "Cultural Resource Assessment Reports" prepared for the Southampton development Environmental Impact Report.
11/28/94	7		Caroline Rudolph, (DTSC)	Sampling Braitto, Cambridge Drive, Benicia, CA
11/28/94	1			HARP for 11/28/99
11/22/94	6	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab results for HML #'s 940672-700
11/22/94	7	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Monthly summary report for indoor air sampling at lots 48, 49, 50, and 51 from October, 1994.
11/18/94	2	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Telecopy transmittal form attached is a letter to CAL-EPA from Tom Busfield, dated 11/16/94
11/18/94	6	Caroline Rudolph, (DTSC)	File	HARP pre-site visit form, Braitto Landfill, Rose Drive & Cambridge.
11/18/94	3	Office of Scientific Affairs	Jose Luevano, (DTSC)	Health and Safety Plan for Solano County Landfill. PCA 02-11050 - 200290 - 00
11/18/94	5	Residents	Caroline Rudolph, (DTSC)	Comments on third draft work plan for Hillside Metals dated 11/9/94
11/18/94	3	Susan Knadle, (OEHHA)	Caroline Rudolph, (DTSC)	Factors to be considered in development of a work plan for characterization and remediations of reburied wastes in open space behind Channing Circle homes, Tires and Hides Area.
11/18/94	6	Susan Knadle (OEHHA)	Jose Luevano, (DTSC)	Brief comments on final work plan for investigation and removal of scrap metal from a portion of the hillside north of Palace Court.
11/18/94	17	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Subsurface investigation workplan for Tires and Hides Area.
11/18/94		Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Draft Work for a subsurface investigation east of the corner of Rose Drive and Oxford Way and west of the corner of Channing Circle and Clifton Court, Benicia, CA
11/18/94	2	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Review of final work plan for the removal of scrap metal and comments.
11/18/94	2		Caroline Rudolph, (DTSC)	Samples Braitto Cambridge Drive, Benicia, CA
11/18/94	10		Caroline Rudolph, (DTSC)	Samples from Braitto, Cambridge Drive, Benicia
11/17/94	9	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Suggests that weekly in-house monitoring program frequency be decreased to monthly.
11/17/94	4	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Hexavalent chromium soil analytical results
11/17/94	6	Thomas Koegel (Folger and Levin)	Caroline Rudolph, (DTSC)	Proposed four step solution for ambiguity in the Consent Order
11/16/94	1	Tom Busfield	Cal-EPA	Tom Busfield wants to be on site. Original.
11/16/94	3	Tom Sparks (TAG)	Jose Luevano, (DTSC)	Comments on surface scrap metals removal plan.
11/15/94	4	Caroline Rudolph, (DTSC)	File	Hazard appraisal and recognition plan pre-site visit form Tank Area.
11/15/94	20	(DTSC)	Caroline Rudolph, (DTSC)	Sample results
11/15/94	6	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab reports for HML #'s 940653-54
11/15/94	9	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab results for HML #'s 940653-54
11/15/94	4	Haz. Materials Laboratory	Caroline Rudolph, (DTSC)	Lab reports for HML #'s 940655-657
11/11/94	2	Deni Chambers at Levine-Fricke	Stanley Phillippe (DTSC)	Schedule of field work for the week of 11/14/94 in the hillside east of Lot 1 on Cambridge Drive. Tank Area.

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11/11/94	250	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie, (RWQCB)	Third Quarter Quality 1994 Groundwater Monitoring Report. NCOU.
11/11/94	4	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Figures 1 and 3 of the final work plan for investigation and removal of scrap metal from Hillside Area.
11/10/94	4	Ted Splitter, (LFR)	Phillip Carlson (City of Benicia Fire Department)	Notification of local businesses re: tank excavation activities.
11/10/94	29	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Health and Safety Plan, Hillside North of Palace Court.
11/9/94	12	Caroline Rudolph, (DTSC)	Community	Results of flux chamber sampling on your property.
11/9/94		Levine-Fricke	(DTSC)	Health and Safety Plan, Hillside North of Palace Court. Former Solano County Sanitary Landfill, Benicia CA.
11/9/94		Levine-Fricke	Stan Phillippe (DTSC)	Final work plan for investigation and removal of surface scrap metal from a portion of the hillside north of Palace Court, former Solano County Sanitary Landfill, Benicia, CA, referenced in paragraph 225 of consent order statement of work.
11/9/94	20	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Final work plan for investigation and removal of surface scrap metal, Hillside area.
11/9/94	25	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Health and Safety Plan - Hillside north of Palace Court.
11/9/94	2			Jennifer Rich's Hazard Appraisal and Recognition plan daily site visit document and Engineer's Daily Report. Tires and Hides area.
11/8/94	2	Caroline Rudolph, (DTSC)	File	HARP for 11/08/94
11/8/94	2	Jennifer Rich, (DTSC)	File	Hazard appraisal and recognition plan daily site visit document. Tank Area.
11/8/94		Laszlo Saska		HARP for Southampton Tank Area
11/8/94		Laszlo Saska	File	HARP for Southampton Hillside Area
11/8/94	1	Pamela Zimba (Russo, Weintraub, Bellia etc...)	Caroline Rudolph, (DTSC)	Tires and Hides Area. Requests that any leather scraps &/or other materials removed from the area be identified on a map, setting forth the location of the leather scraps.
11/7/94	3	John Sturman, (LFR)	Stanley Phillippe (DTSC)	Field schedule for week beginning 11/7/94 for Tank Area.
11/7/94	1			Draft agenda: Braitto Landfill Committee Meeting at Benicia City Hall.
11/4/94	250	Ted Splitter, (LFR)	Stan Phillippe (DTSC)	Final Draft Report on Methane Migration Investigation N. Canyon Area of the Former Solano County - Vol-I
11/4/94	450	Ted Splitter, (LFR)	(DTSC)	Final Draft Report on Methane Migration Investigation North Canyon Area of Former Solano County Sanitary Landfill - Vol-II
11/3/94	4	Caroline Rudolph, (DTSC)	Michael Olson, (Southampton Co.)	Comments on addenda to Cambridge Drive and Rose Drive Tank Area removal
11/3/94	3	Steven Ritchie (RWQCB)	Michael Olson, (Southampton Co.)	Comment and approval for agenda to field and laboratory procedures manual and work plan for locating and removing tanks.
11/1/94	4	Tom Busfield	Caroline Rudolph, (DTSC)	Residents have hired a technical consultant in addition to Jody Sparks - Barbara Westree, resume is attached.
11/1/94	8		Southampton	All information about the Articles of Incorporation are attached together
10/31/94	2	Michael Rees (Dept of Environmental Mgmt.)	Jennifer Beaty (LFR)	File 20076 Conditional approval of permit to remove two underground storage tanks. Tank Area.
10/31/94	10			HML User's Manual - Section no:4.4 -Revision no: 8
10/28/94	4	Susan Knadle (OEHHA)	Jose Luevano, (DTSC)	Concerns about tanks removal documents
10/27/94	80	Environmental Analytical Services	Stanley Phillippe (DTSC)	Results of air pathway analysis at Southampton site.
10/26/94	3	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on revised work plan for removal of tanks buried at southeast corner of Cambridge Drive and Rose Drive.
10/26/94	7	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Monthly summary report for indoor air sampling in September 1994 for Lots 48, 49, 50, and 51.
10/24/94	9	Caroline Rudolph, (DTSC)	Robert Karn (Greiner Inc.)	Information request to contractor at the Braitto site.
10/24/94	14	Caroline Rudolph, (DTSC)	Stanley Johnson (Oscar Erickson, Inc.)	Information request: Braitto Landfill site.
10/21/94	8	Jose Luevano, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	Comments on revised work plan for investigation and removal of scrap metal from a portion of the Hillside Area. Not approved for lack of detail.
10/21/94	2	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Draft agenda for project team meeting 11/3/94
10/20/94	2	Caroline Rudolph, (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Discussion of difference between how department and respondents are interpreting site description.

ADMINISTRATIVE RECORDS LIST
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10/20/94		Levine Fricke	(DTSC)	Addendum to the Field and Laboratory Procedures Manual for soil and groundwater investigation activities, former Braitto Landfill, Benicia California
10/20/94		Levine-Fricke	(DTSC)	Addendum to the revised work plan for locating and removing tank or tanks possibly buried at southeast corner of Cambridge Drive and Rose Drive, Benicia, California
10/20/94		Levine-Fricke	(DTSC)	Addendum 3 to health and safety plan former Braitto Landfill, Benicia, CA
10/20/94	8	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Addendum to field and lab procedures manual for soil and groundwater investigation activities.
10/20/94	15	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Addendum 3 to health and safety plan Tank Area.
10/20/94	12	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Addendum to revised work plan for location and removal of tank or tanks at buried tanks area.
10/20/94	2	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Addenda to Health and Safety plan, Field and Lab. Procedures Manual, and the revised work plan for removal of tanks.
10/20/94	4	Thomas Koegel (Folger and Levin)	Jim Marxen, (DTSC)	Comments on fact sheet for tank removal
10/20/94	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Recommends that in-house monitoring for methane should be decreased from weekly to monthly.
10/19/94	5	Caroline Rudolph, (DTSC)	Margaret Dollbaum (Folger-Levin-Kahn)	List of previously approved workplans for use in RI report.
10/19/94	1			Slope Stability Fact Sheet/Flyer for workshop
10/18/94	2	Greg Imazu	Jim Marxen, (DTSC)	Comments on Second draft work plan for Hillside Area.
10/18/94	1	Miles Perez, (SCDEM)	Caroline Rudolph, (DTSC)	Palace Court Hillside scrap metal investigation revised work plan dated September 26, 1994
10/18/94	9	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Corrections to figures showing locations of boring described in draft addendum to Report on Additional Soil and Ground Water Investigation.
10/17/94	2	Deni Chambers, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 10/17/94 Tank Area.
10/17/94	2	Douglas Chiselin (Department of the Navy)	Sam Martinez, (DTSC)	Response to information request. Records show no disposals were made at Braitto dump.
10/17/94	1	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Revised work plan for the removal of scrap metal behind Palace Court - facility file 48-AA-0010
10/14/94	5	Sam Martinez	Larry Hoskins (DTSC)	Southampton Cost Recovery, Summary by Activity Report -Project Code 200290
10/13/94	13	John Robertson, (RWQCB)	Caroline Rudolph, (DTSC)	Blake Court/Rose Drive slope stability inspection report
10/13/94	4	Steve Sterling, (DTSC)	John Woodling, (DTSC)	Steve Sterling's cursory review of Southampton geophysical work.
10/12/94	6	Dana Barton, (USEPA)	Caroline Rudolph, (DTSC)	Request for response to Senator Feinstein re: letter sent to her from J.P. Lehan re: Southampton site.
10/12/94	3	Mr. & Mrs. Smith & Mr. & Mrs. Foon	Caroline Rudolph, (DTSC)	Comments on second draft work plan for Hillside Area.
10/12/94	3	Residents	Caroline Rudolph, (DTSC)	Comments on second draft work plan for Hillside Area.
10/12/94	2	Tim Crist, (CIWMB)	Caroline Rudolph, (DTSC)	Comments on the revised work plan for the removal of scrap metal behind Palace Court
10/11/94	2	Cliff Covey (SCDEM)	Caroline Rudolph, (DTSC)	Comments on revised work plan for investigation and removal of scrap metal from Hillside Area
10/11/94	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Wish to know if revised Hillside Area work plan meets requirements of DTSC, OEHHA, and others prior to committing time to comment on it.
10/11/94	2	Tom Sparks (TAG)	Caroline Rudolph, (DTSC)	Comments on the revised work plan for investigation and removal of scrap metal from Palace Court.
10/10/94	2	Deni Chambers, (LFR)	Caroline Rudolph, (DTSC)	Proposed field schedule for week beginning 10/10/94 Tank Area.
10/10/94	6	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Professional registration stamping of documents and list of documents prepared by licensed professional.
10/6/94	3	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on flux chamber workplan.
10/6/94	1	Susan Knadle (OEHHA)	Jose Luevano, (DTSC)	Comments on revised work plan for investigation and removal of scrap metal from the Hillside Area.
10/5/94	5	Hazardous Materials Laboratory	Jennifer Rich, (DTSC)	Samples analysis data: HML # 940576
10/5/94	3	Susan Knadle (OEHHA)	Jose Luevano (DTSC)	Comments on revised work plan for investigation and removal of scrap metal from a portion of the hillside north of Palace Court.

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10/3/94	2	Jennifer Rich. (DTSC)	Tom Busfield	Response to request for a list of document trail for specified reports.
10/1/94	1		Steve Koyasako (DTSC)	Fact Sheet - October 1994 - Tank removal at Cambridge and Rose Drive
9/29/94	2	Peter Russell. (Russell Resources. Inc.)	Steve Ritchie, (RWQCB)	Intent to transfer property from First Nationwide Bank to its parent - First Nationwide Financial Corporation.
9/29/94	1	Tim Crist, (CIWMB)	Peter Russell, (Russell Resources. Inc.)	Identifies two field problems at Braito site. If not resolved, may result in issuance of Notice and Order by the Board.
9/28/94	1	Teddie Bidou, (City of Benicia)	(DTSC)	Results of General Municipal election on 4/12/94.
9/27/94	3	Judy Daly, (Environmental Analytical Service)	Caroline Rudolph, (DTSC)	Copy of chain-of-custody. Analytical results will be available 10/3/94.
9/26/94	3	Deni Chambers. (LFR)	Stanley Phillippe (DTSC)	Proposed field schedule for week beginning 9/26/94 Tank Area.
9/26/94	10	Ted Splitter. (LFR)	Stanley Phillippe (DTSC)	Revised work plan for location and removal of tank or tanks buried at Tank Area.
9/26/94		Ted Splitter. (LFR)	Stanley Phillippe (DTSC)	Revised work plan for investigation and removal of scrap metal from a portion of the Hillside north of Palace Court
9/23/94	76	Edward Schwafel	Caroline Rudolph, (DTSC)	Information Request - Southampton Site - 8/15/94. Attached is a Geotechnical Exploration by ENGEO Inc. dated 4/26/79
9/23/94	6	Ted Splitter. (LFR)	Stanley Phillippe (DTSC)	Monthly summary report for indoor air sampling in August, 1994 for Lots 48, 49, and 51.
9/23/94	26	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical results for soil-gas and utility-gas samples collected during June 1994.
9/23/94	3	Thomas Koegel (Folger and Levin)	Caroline Rudolph, (DTSC)	Copy of letter to Hopkins and Carley from Steve Belluomini re: Approval of expedited ground penetrating radar survey
9/22/94	3	Susan Knadle. (OEHHA)	Caroline Rudolph, (DTSC)	Comments on flux chamber WP for contract #93-T0525 and report of a discussion on Sept. 20, 1994, with Steve Hoyt, Env. Analytical Services (EA's) Project Manager, about my questions/ concerns on analytical aspects of project.
9/21/94	4	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comments on sampling plan for air pathways analysis.
9/20/94	1	Michael Olson, (Southampton)	Steve Koyasako (DTSC)	Response to information request. Requests extension to 9/30/94 deadline to respond.
9/20/94	2	Michael Olson, (Southampton)	Steve Koyasako (DTSC)	Requesting an extension to Oct. 30 deadline to comply with DTSC's request for information about the former Braito landfill site.
9/19/94	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Results of qualitative screening-level testing for methane in shallow soils at Lot 51 in North Canyon.
9/19/94	5			Minutes from Braito Landfill Committee Meeting, dated 9/19/94 at 4:00 AM. Attached is a draft agenda for same meeting
9/15/94	13	Ted Splitter, (LFR)	Stanley Phillippe (DTSC)	Draft slope stability cross section A-A', B-B', and C-C'
9/13/94	1	Bill Owen (DTSC)	Caroline Rudolph, (DTSC)	Review of results of ground penetrating radar survey Lots 47, 49, 50 & 51, North Canyon Area, Benicia, CA
9/13/94	6	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Draft agenda for project team meeting 9/13/94
9/12/94	3	Steven Ritchie, (RWQCB)	Michael Olson, (Southampton)	Comments and approval of work plan for screening-level investigation for Tank Area.
9/9/94	1	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Response to 8/30/94 request to review City's records.
9/8/94	3	Susan Knadle, (OEHHA)	Caroline Rudolph, (DTSC)	Environmental information to use for selection of flux chamber location.
9/8/94	5	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Environmental information for use in selecting flux chamber locations.
9/1/94	1	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Copy of City's comments on Consent Order on floppy disk
8/31/94	4	Caroline Rudolph, (DTSC)	Tim Crist, (CIWMB)	Requests information on additional documents necessary for file review. Also sent to SCDem, RDCAC, City of Benicia, OEHHA, TAG, and CRWQB.
8/30/94	2	Caroline Rudolph, (DTSC)	Howard Lewis (Alma Assoc. dba Southampton Co.)	Certifies that Braito landfill site does have hazardous substances. DTSC requests more information about site and gives Southampton Co. 45 days to comply.
8/30/94	2	Caroline Rudolph, (DTSC)	Nancy Weiss. (City of Benicia)	Request to review public records on Southampton site.
8/30/94	10	James Frampton. (OSA)	Caroline Rudolph, (DTSC)	Review of data analysis for waste classification, Braito Landfill, Benicia, CA
8/29/94	8	Community	(DTSC)	Petition for resolution of consent orders signed by DTSC
8/28/94	2	Caroline Rudolph, (DTSC)	John Robertson, (RWQCB)	DTSC comments on revised workplan for location and removal of buried tanks.

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8/26/94	5	Brad and Genie Foon	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/26/94	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Third quarter 1994 soil-gas and ground water sampling schedule North Canyon area.
8/26/94	6	Tom Busfield	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/25/94	10	Anna Hilde Smith and Anthony Smith	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/25/94	2	Edmond Padrones	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/25/94	3	Ernes Ciarrocchi (City of Benicia)	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/25/94	1	Walter Donandson	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/24/94	6	Pamela Zimba (Russo, Weintrub, Bellia, & Morton)	Caroline Rudolph, (DTSC)	Plaintiff's lawyer's comments on Consent Order
8/24/94	4	William and Diane Ruhe	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/23/94	2	Cliff Covey (SCDEM)	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/23/94	12	Community	(DTSC)	Form letters from community seeking earliest resolution for Consent Order signing.
8/23/94	32	Susan Knadle (OEHA)	Caroline Rudolph, (DTSC)	Comments: approval of data reports - includes review of reports on SOW, Lot 50, additional soil and groundwater investigation, etc.
8/19/94	14	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Agenda for Benicia City Council special meeting. Includes section on City's comments (attached) on Consent Order.
8/19/94	2	Michael McKown	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/19/94	2	Steven Sphar (CIWMB)	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/19/94	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Results of Qualitative Indoor Air Monitoring on August 4 and 11 for the Interior of Houses on Lots 49 and 51, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
8/18/94	2	Jennifer Rich, (DTSC)		Hand written notes: Indoor Air Monitoring - DTSC oversight
8/18/94	4	Mary Jo McKown	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/16/94	1	Timothy Crist (CIWMB)	Caroline Rudolph, (DTSC)	Comments: sampling plan for air pathways analysis at Southampton Site.
8/15/94	6	Caroline Rudolph, (DTSC)	Howard Lewis (Alma Assoc. dba Southampton Co.)	Declares Braitto landfill does contain hazardous materials. DTSC requests more information about site with specifics.
8/15/94	8	Caroline Rudolph, (DTSC)	Edward Schwafel - Contractor for Southampton	Information request for Southampton site.
8/15/94	12	Heidi Hansen (DTSC)	All BLC Members	Corrected Version of past BLC Minutes
8/15/94	3	John Lehan	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/15/94	3	Thomas Koegel (Folger and Levin)	Caroline Rudolph, (DTSC)	Comments on fact sheet for Tank Area work plan.
8/12/94	3	Jody Sparks, (TAG)	Jennifer Rich, (DTSC)	Corresponding from Tim Crist at CIWMB to Peter Russell at RRI, 8/1/94 regarding "In House Monitoring for Methane..."
8/12/94	400	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie (RWQCB)	Second Quarter 1994 Ground Water Monitoring, NCOU
8/11/94	18	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Comments on sampling plan for air pathways analysis at Southampton site.
8/11/94	16	Peter Russell, (Russell Resources, Inc.)	Caroline Rudolph, (DTSC)	Comments on sampling plan for air pathways analysis
8/11/94	1			Southampton Project team meeting on October 11, 1994 at 9:30 AM
8/10/94	2	Richard Lubin	Caroline Rudolph, (DTSC)	Comments on Consent Order
8/10/94	9	Susan Knadle (OEHA)	Caroline Rudolph, (DTSC)	Comments on sampling plan for air pathways analysis at Southampton site
8/9/94	11			Agenda packet for Braitto Landfill Community Meeting, 8/9/94 at 7:00 pm.
8/9/94	55			Court reporter's transcription from public hearing for Consent Order.
8/9/94	54			Reporter's transcript of proceedings by Mark Brickman. License No. 5527

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8/9/94	1			Public notice of meeting and comment period on Consent Order for the Former Solano County Sanitary Landfill in Benicia, CA
8/8/94	1	Dee Woods	(DTSC)	Question re: Consent Order
8/8/94	9	Ted Splitter. (LFR)	Caroline Rudolph. (DTSC)	Work plan for location and removal of tank or tanks at Tank Area.
8/8/94	1	Thomas Koegel (Folger and Levin)	Caroline Rudolph. (DTSC)	Transmittal letter for four copies of draft listing of documents related to the RI.
8/7/94	1	Jennifer Rich. (DTSC)		Tim's voice-mail message and Jennifer's personal notes
8/6/94	2	Ross Sagun	Caroline Rudolph. (DTSC)	Comments on Consent Order
8/5/94	4	Janet Clark. (LFR)	Caroline Rudolph. (DTSC)	Enclosed is the fact sheet on the Consent Order.
8/5/94	1	Thomas Koegel (Folger and Levin)	Caroline Rudolph. (DTSC)	Transmittal letter for diskette containing Consent Order and SOW
8/4/94	8	Patrick Sullivan (Forensic Management Assoc.)	Caroline Rudolph. (DTSC)	Comments on sampling plan for the air pathway analysis at Southampton site.
8/3/94	5	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Draft fact sheet to describe the Consent Order.
8/3/94	2	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Confirmation of meeting to discuss list of reports and workplans for 8/11/94 at 10:00 am
8/2/94	1	Jody Sparks. (TAG)	Steve Koyasako (DTSC)	Preliminary concerns with Southampton project Consent Order.
8/2/94	6	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	DTSC's Consent Order. Includes Benicia Herald article of the same subject, three public notices published in the Benicia Herald, and a copy of an affidavit regarding the public notice.
8/2/94	7	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Enclosed are copies of newspaper articles and public notices re: consent agreement.
8/2/94	1			List of attendees at briefing on Consent Order including names, addresses, and phone numbers.
8/2/94	7		File	Southampton Consent Order
8/1/94	2	Caroline Rudolph. (DTSC)	Steve Hoyt, (Environmental Analysis Inc.)	List of names of individuals from State agencies participating in Braito project.
8/1/94	1	Caroline Rudolph. (DTSC)	Hydrology/Geology	Headquarters technical consultation request form to review ground penetrating radar survey report on Lots 47, 49, 50 & 51 of North Canyon Area dated 7/20/94 and provide comments to project manager for transmittal to RP
8/1/94	3	(DTSC)	Public	Tank Area investigation fact sheet.
8/1/94	1			Notice of public meeting and comment period on Consent Agreement. Oral comments will be accepted until 8/27/94 at 7:00 pm.
8/1/94	4			Braito Landfill Fact Sheet. Outlines a draft Consent Order negotiated by RP's and DTSC.
8/1/94	5		Members of BLC	Minutes from Braito Landfill Committee Meeting dated July 27, 1994 at 8:30AM
7/29/94	4	George Wolfson, (Southampton Co.)	Tom Busfield	Letter confirming agreement reached: entry into property at 876 Rose Drive for yard maintenance and sample gathering. Attached: Certificate of insurance.
7/28/94	1	Tom Wagner	(DTSC)	Comments on Consent Order
7/27/94	1			BLC Agenda for 7/27/94 meeting
7/27/94	7			Draft Agenda: Braito Landfill Committee, July 27, 1994 at 8:30 AM at Benicia City Hall. Also, there are handwritten notes
7/26/94	2	Thomas Koegel (Folger and Levin)	Caroline Rudolph. (DTSC)	Enclosed is a copy of the public notice advertisement.
7/26/94	200	Thomas Koegel (Folger and Levin)	Caroline Rudolph. (DTSC)	DTSC'S Consent Order "In Re Former Solano County Sanitary Landfill, Benicia, CA", Docket No. 94/95-004. Original.
7/25/94	2	John Woodling (DTSC)	Caroline Rudolph. (DTSC)	Further ground-water investigations, Benicia, CA
7/22/94	2	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	Transmittal letter for copies of construction supervisor field notes for 1980 and 1981
7/22/94	400	Margaret Dollbaum, (Folger-Levin-Kahn)	Caroline Rudolph. (DTSC)	1980-1981 Daily Field Notes relating to the Southampton development
7/22/94	1	Steven Hoyt (EAS for Granite)	Caroline Rudolph. (DTSC)	Submittal letter for sampling plan for air pathway analysis at Southampton
7/21/94	1			Draft agenda for project team meeting 7/21/94
7/21/94	2		Steve Koyasako (DTSC)	Public Notice: Notice of Meeting and Comment Period on the Consent Agreement
7/20/94	10	Bill Myers. (Hopkins and Carley)	Caroline Rudolph. (DTSC)	Corrections to SOW documents 3, 18, 20, and 30

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7/20/94	33	John Robertson (RWQCB)	Caroline Rudolph, (DTSC)	Water discharge and closure requirements for Southampton Co.
7/20/94	52			Results of ground penetrating radar survey Lots 47, 49, 50 & 51. North Canyon Area, Benicia, CA
7/19/94	3	Jennifer Rich, (DTSC)	Brendon Kertin (Murphy & Maconochy Inc.)	Follow up to a phone conversation regarding review of the Southampton site files
7/18/94	1	Environment Management		Site Area topographic map faxed on July 18, 1994
7/18/94	30	Prepared by Environmental Analytical Services	For DTSC	Sampling plan for the air pathway analysis at the Southampton site - North Canyon procedure using US EPA surface emission isolation flux chamber
7/18/94	100	Steven Hoyt (Environmental Analytical Service)	(DTSC)	Sampling plan for air pathways analysis for North Canyon.
7/18/94	3	William Myers, (Hopkins and Carley)	Caroline Rudolph, (DTSC)	Qualitative screening level testing of gas and shallow soils at Lot 51 and 52.
7/13/94	1	Jim Marxen, (DTSC)	Caroline Rudolph, (DTSC)	BLC follow up items
7/13/94	4	Margaret Dollbaum (Folger-Levin-Kahn)	Caroline Rudolph, (DTSC)	Map of Rose Drive/Blake Court Area, Benicia, CA. Attached is a Open House and Public Meeting Agenda, dated 9/21/92
7/12/94	2	Allan Hirsch (DTSC)	(DTSC)	Press release: DTSC, Southampton, 1st Nationwide Bank reach tentative agreement on investigation of Benicia Landfill.
7/12/94	1	Mike Thompson (California State Senate)	Steve Koyasako (DTSC)	Follow-up meeting for interested parties in Rose Drive. Tuesday 8/2/94 from 3pm-5pm. Agenda will include an update on the consent agreement/ order process.
7/12/94	1	Senator Mike Thomas (CA State Senate)	Caroline Rudolph, (DTSC)	Has scheduled a follow-up meeting for interested parties on 8/2/94 for update on consent agreement/order.
7/12/94	4	Steven Ritchie (RWQCB)	Michael Olson (Southampton Co.)	Review of work plan for screening level investigation at the northeast corner of Cambridge Drive and Rose Drive dated 6/10/94. Also identifies additional work elements.
7/12/94	2			DTSC Newsletter: DTSC, Southampton, and 1st Nationwide Bank reach tentative agreement on investigation of Benicia landfill.
7/12/94	26			Appendix-A: North Canyon Area of the Former Solano County Sanitary Landfill site statement of work for the RI/FS, PHERA, Public Participation and Site Monitoring Requirements.
7/12/94	2			DocuComp Comparision Summary for RWQCB
7/7/94	2	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	City's comments on Site monitoring and slope stability contingency plan.
7/7/94	182			Chronological list of DTSC's site mitigation files. Southampton site.
7/6/94	10	Dun & Bradstreet Information Services	Sam Martinez, (DTSC)	Public record and business information - Duns Legal Search Report. Attached are reports from Dun & Bradstreet information services.
7/6/94	6	Margaret Dollbaum, (Folger-Levin-Kahn)	Steve Koyasako/Caroline Rudolph at DTSC	Draft information on hazardous substances for inclusion in Appendix C of Consent Order
7/1/94	3	(DTSC)	Public	Consent Order fact sheet.
6/30/94	4	Brendan Kertin (Murphy and Maconachy)	Caroline Rudolph, (DTSC)	File review request.
6/28/94	2	Jody Sparks (TAG)	Margaret Felts (DTSC)	Commemoration of commitment: a potential consent agreement/order for Braito.
6/24/94	36	Marvin Philo (DTSC Business Services)	Caroline Rudolph, (DTSC)	Attached is a copy of fully executed contract with Environmental Analytical Services, Inc.
6/24/94	2	Sam Martinez, (DTSC)	Doug Ghiselin (Mare Island Naval Shipyard)	Information request for Southampton site. Did Mare Island dispose waste between years of 1960-1980 at Southampton site?
6/22/94	5	Jim Marxen, (DTSC)	Members of BLC	Draft Fact Sheet which deals with the proposed draft Consent Agreement between the Department of Toxic Substances Control and the Southampton Company
6/22/94	3	Michael Olson	Neighbor	Describes current development, installation of ground water monitoring wells near Blake Court, finalization of the slope stability report, Status of the scrap metal area of Palace Court & negotiations with the State on a Consent Order
6/22/94	3	Michael Olson (Southampton Co.)	Community	Updates community on current work and developments in the area.
6/21/94	1	Marie McCrink	Caroline Rudolph, (DTSC)	Comments on First quarter 1994 groundwater monitoring report.

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6/20/94	2	Susan Knadle	Caroline Rudolph, (DTSC)	Work plan for investigation and removal of surface scrap metal from a portion of the hillside north of Palace Court, Benicia, CA
6/20/94	3	William Soo Hoo (DTSC)	Rose Drive Community Action Committee	Response to 3/24/94 letter re: memo from Stephen Belluomini and Norman Riley to Mark Leary dated 3/7/94.
6/15/94	2	Mike Sorenson (DTSC)	Caroline Rudolph, (DTSC)	Comments on Site Monitoring and Slope Stability Contingency Plan.
6/14/94	9	Heidi Hansen	Braitto Landfill Committee Members	June 23, 1994, BLC meeting Agenda
6/14/94	3	Heidi Hansen (DTSC)	Braitto Landfill Committee Members	via fax: Latest version of agenda for Braitto Landfill Committee meeting 6/23/94
6/14/94	26	Jose Luevano, (DTSC)	William Myers (Hopkins and Carley)	Comments on and order to revise workplan for investigation and removal of surface scrap metal from Hillside Area.
6/13/94	55	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	American Environmental Network lab data from QC Data for Hillside Area.
6/10/94	2	John Robertson, (RWQCB)	Jose Luevano and Caroline Rudolph (DTSC)	Review of draft work plan for former Solano County Sanitary Landfill, Hillside Area comments from RWQCB
6/10/94	10	Michael Olson (Southampton Co.)	Caroline Rudolph, (DTSC)	Supplemental findings at Braitto re: the locations of actual tires, hides, and tanks.
6/10/94	7	Michael Olson (Southampton Co.)	Caroline Rudolph, (DTSC)	Supplemental findings at Braitto property. Information obtained is contained in field notes kept by superintendent (enclosed).
6/10/94	6	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Draft work plan for screening level investigation in the Tanks area.
6/10/94	12	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Draft Workplan for Screening-Level Investigation at the Northeast Corner of Cambridge Drive and Rose Drive, Benicia, CA
6/9/94	8	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Site monitoring and slope stability contingency plan North Canyon area.
6/7/94		Jim Marxen, (DTSC)	File	Chronological list of DTSC's Site Mitigation files Southampton Site
6/2/94	1	Tom Sparks (TAG)	Caroline Rudolph, (DTSC)	Declines opportunity to comment on work plan for investigation and removal of surface scrap metal from Hillside Area until DTSC has submitted comments to RP.
6/1/94	2	Katherine Hammer (City of Benicia)	Jim Marxen, (DTSC)	Proposed work plan for Hillside Area.
5/31/94	1	Ronald F. Scheufler (DEM)	Caroline Rudolph, (DTSC)	Work plan for investigation and removal of surface scrap metal from a portion of the Hillside Area.
5/27/94	2	Timothy Wn. Crist, P.E. (CIWMB)	Caroline Rudolph, (DTSC)	Work plan for investigation of surface scrap metal Southampton development, Hillside Area.
5/25/94	5			CAL/EPA - DTSC - Site Mitigation Program Fact Sheet: Reporting nonemergency hazardous substances releases pursuant to health and safety code Section 25359.4
5/20/94	3	Caroline Rudolph, (DTSC)	Tom Busfield	Evaluation of contaminant data on Lot 50.
5/20/94	5	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Work plan for investigation and removal of surface scrap metal from a portion of the Hillside north of Palace Court, Former Solano County Sanitary Landfill, Benicia, CA
5/19/94	30	James Strock, (CALEPA)		Transportation Plan: Preparation Guidance for Site Remediation
5/18/94	1			Meeting notes, dated 5/18/94
5/16/94	13		Jody Sparks (TAG)	Transaction report attached with memos from Jody Sparks to Mark Leary, dated 5/8/94 and from Norm Riley to Stephen Belluomini, dated 1/25/94
5/13/94	4	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Draft commemoration memo - 5/13/94
5/13/94	200	Peter Russell, (Russell Resources, Inc.)	Steven Ritchie (RWQCB)	First Quarter 1994 Ground water Monitoring Report, NCOU.
5/12/94	7	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Memo from Caryn Woodhouse to Jody Sparks, TAG, dated 5/6/94, regarding Braitto Landfill - Evaluation of Data Analysis Memorandum
5/12/94	2	Steven Ritchie (RWQCB)	William Myers (Hopkins & Carley)	Clarification for work associated with Well G-1 relating to CAO #93-095
5/10/94	1	Caroline Rudolph, (DTSC)	Sallie Kraus (American Int'l Adjustment Co.)	Letter to notify that DTSC OLC has completed an internal review for privilege of the site files for the Southampton Site. The site files are now open for review by anyone making a request.
5/9/94	3	Jack Pandol (CalEPA)	Mike Thompson, Member of the Senate	To address the concerns about the Braitto Landfill site and to report at the site on behalf of Secretary Strock

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5/9/94	20	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical Results for Soil-Gas samples collected during March 1994. North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA. Original.
5/6/94	1	Jody Sparks, (TAG)	Caroline Rudolph, (DTSC)	Access to review the files under the Public Records Act
5/5/94	3	Caroline Rudolph, (DTSC)	Jim Huchingson (RPM Mortgage)	Response to request for information on property at 557 Cambridge Drive.
5/5/94	2	Margaret Felts (DTSC)	John Markley	Regarding the Consent Order for the resolution of future work and past and future cost recovery
5/5/94	2	Margaret Felts (DTSC)	Michael Olson (Southampton Co.)	DTSC has drafted the enclosed Consent Order (not attached) for the resolution of future work and past and future cost recovery.
5/5/94	2	Margaret Felts (DTSC)	John Devine (First National Financial Corp.)	DTSC has drafted the enclosed Consent Order (not attached) for the resolution of future work and past and future cost recovery.
5/4/94	2	Steve Ritchie (RWQCB)	William Myers (Hopkins & Carley)	Clarification for work associated with well G-1 in relation to CAO No. 93-095, Blake Court Landfill, Benicia, Solano County, CA
5/2/94	1	Timothy Crist	Caroline Rudolph, (DTSC)	Draft Consent Order Comments: Southampton Development Braitto Landfill, File No. 48-AA-0010
5/1/94	1			Braitto Landfill Fact Sheet. Well installation begins.
4/29/94	1	Lisa Bodensteiner (Hopkins and Carley)	Caroline Rudolph, (DTSC)	Would like to receive all comments on draft addendum to report on additional soil and groundwater investigation
4/28/94	1	Jody Sparks, (TAG)	William Myers (Hopkins & Carley)	Implementation of work plan for Blake Court Landfill leachate migration investigation - notification to residents of commencement of work
4/28/94	2	Lisa Bodensteiner (Hopkins & Carley)	Caroline Rudolph, (DTSC)	Further ground water Investigation in the vicinity of Blake Court Well G-1
4/28/94	4	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Evaluation of data on contaminant concentrations in Black Waste on Lot 50, property of Tom and Lynn Busfield 876 Rose Dr.
4/28/94	3	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Evaluation of data on contaminant concentration in Black Waste on Lot 50, property of Tom and Lynn Busfield, 876 Rose Drive, Benicia, CA
4/27/94	1			HML Report for # 931283-931296
4/26/94	2	Steve Ritchie	Michael Olson	Work plan approval for Blake Court Landfill leachate migration investigation, Benicia, Solano County, CA
4/26/94	6			BLC meeting minutes 4/26/94.
4/26/94	6		Braitto Landfill Committee Members	Minutes and agenda from Braitto Landfill Committee Meeting, dated April 26, 1994 at 1:00 PM. Attached is a draft agenda, dated June 23, 1994 at 10 AM at Benicia City Hall
4/26/94	1			Agenda: Braitto Landfill Committee meeting 4/26/94, 1 pm, Benicia City Hall
4/25/94	4	Caroline Rudolph, (DTSC)	Michael Olson (Southampton Co.)	Metal debris area investigation - establishes 7 steps to clean-up action.
4/22/94	2	Mark Leary (DTSC)	Cliff Covey (SCEM)	Braitto Landfill metal debris area investigation
4/21/94	8	Caroline Rudolph, (DTSC)	William Myers (Hopkins and Carley)	Review and comments on draft BHRA work plan
4/21/94	4	Caroline Rudolph, (DTSC)	Pamela Zimba (Russo, Weintraub, Bellia and ...)	Summary of recent activities associated with scrap metal area.
4/21/94	3	Caroline Rudolph, (DTSC)	William Myers (Hopkins and Carley)	Enclosed are OEHHA and OSA's comments on BHRA work plan.
4/21/94	8	Caroline Rudolph, (DTSC)	William Myers (Hopkins and Carley)	Comments to Baseline Risk Assessment Work Plan for the Former Braitto Landfill Site
4/21/94	5	Caroline Rudolph, (DTSC)	William Myers (Hopkins and Carley)	Comments to additional Soil and Groundwater Investigation Report for the Former Braitto Landfill Site, Benicia, CA
4/21/94	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Submittal of site monitoring and slope stability contingency plan, dated April 12, 1994
4/20/94	1	Teddie Bidou (City of Benicia)	Community	The City Council met on 4/19/94 to reorganize & accept the canvass of votes from the General Municipal Election on 4/12/94. Results are attached.
4/18/94	3	Jim Marxen, (DTSC)	Caroline Rudolph, (DTSC)	Forwarding note from Jim Marxen about discussion with residents
4/18/94	9	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Reviewed document: draft risk assessment work plan for the North Canyon Footprint Area. Their comments follow.
4/18/94	9	Susan Knadle (OEHHA)	Caroline Rudolph, (DTSC)	Comment about risk assessment work plan for the Former Solano County Sanitary Landfill, Benicia, CA
4/15/94	2	Caroline Rudolph, (DTSC)	Lisa Bodensteiner (Hopkins & Carley)	A Memo to City Manager from Assistant Planning Director(KH) regarding Palace Court Metals

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4/15/94	8	Katherine Hammer (City of Benicia)	Caroline Rudolph, (DTSC)	Benicia City Council Agenda, City Council Chambers, dated April 19, 1994. Attached is a memo to City Manager, Mike Warren from Kitty H. dated April 15, 1994
4/14/94	2	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Submittal of Site Monitoring and Slope Stability Contingency Plan, dated April 12, 1994. Original.
4/12/94	2	Jennifer Rich (DTSC)	Sallie Kraus (American Int'l Adustment Co.)	OLC currently reviewing DTSC's Southampton Site Files for privilege. Expect this to be completed by 4/29/94. Once completed, we will call you & can discuss.
4/12/94	2	Jennifer Rich (DTSC)	Tim Crist, (CIWMB)	Attached are 2 letters addressed to: S. Kraus & J. Sparks in response to their Public Record Act Request. Requesting that the Board make sure that their files are in order.
4/12/94	6	Jennifer Rich (DTSC)	John Robertson, (RWQCB)	Attached are 2 letters addressed to J. Sparks & S. Kraus in response to their Public Records Act Request. Requesting that the Board take whatever steps are necessary to ensure that their files are in order.
4/12/94	2	Jennifer Rich (DTSC)	Sallie Kraus (American Int'l Adustment Co.)	Follow up to file review request.
4/12/94	1	Stephen Belluomini (DTSC)	Caroline Rudolph, (DTSC)	G-1D Ground Water Investigation
4/12/94	4	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Response to DTSC memo dated 1/26/94 re: Slope stability for Blake Court/Rose Drive area.
4/12/94	9	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Site monitoring and slope stability contingency plan
4/11/94	3	Hazardous Materials Laboratory	Jose Luevano, (DTSC)	SCL # 13648-13655, GC/MS Volatile Organics Analysis
4/8/94	2	Lisa Bodensteiner (Hopkins & Carley)	Steve Ritchie (RWQCB)	Further Groundwater Investigation in the Vicinity of Blake Court Well G-1 in compliance with CAO 93-095/File No. 2129.2041(JMR)
4/8/94	10	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Work Plan for Further Ground-Water Investigations in the Vicinity of Blake Court Well G-1, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
4/7/94	2	Lisa Bodensteiner (Hopkins & Carley)	Caroline Rudolph, (DTSC)	Letter to clarify understanding of the status of the slope stability investigation.
4/7/94	7	Margaret Felts (DTSC)	Jody Sparks, (TAG)	Response to request to review files.
4/6/94	11	Jarnail Garcha (HML)	Jose Luevano, (DTSC)	Laboratory report for organochlorine pesticides from HML - HML #s 931283 to 931296
4/6/94	3		Steve Koyasako	Southampton files
4/5/94	1	Hazardous Materials Laboratory	Jose Luevano, (DTSC)	HML # 931286 - Laboratory quality control report - matrix spike/matrix spike duplicate
4/1/94	8	Lisa Bodensteiner (Hopkins & Carley)	Stephen Belluomini (DTSC)	The data tables showing the results of the soils analyses for the scrap metal area
4/1/94	1			Braitto Landfill Fact Sheet. Update on scrap metals found on hillside.
4/1/94	2		Marcia Murphy, (DTSC)	Fact Sheet 2: Braitto Landfill Site Benicia: Sample Results. dated April 1994. Attached is a copy to Steve Koyasako
3/31/94	8	John Robertson, (RWQCB)	Stephen Belluomini (DTSC)	Copies of Aerial Photographs of North and East Canyons, Benicia, CA. Also a letter to John R. from Lisa Bodensteiner at Hopkins & Carley, dated March 29, 1994
3/31/94	7	Ted Splitter, (LFR)	Duncun Austin (DTSC)	Draft results of Levine-Fricke's testing of the soils north of Palace Court and East of Rose Drive in Benicia, CA
3/30/94	16	Ted Splitter, (LFR)	Caroline Rudolph, (DTSC)	Analytical Results for Soil-Gas Samples collected during February 1994, North Canyon Area of the Former Solano County Landfill, Benicia, CA
3/29/94	1	Lisa Bodensteiner (Hopkins and Carley)	John Robertson, (RWQCB)	Transmittal letter from aerial photographs showing Braitto landfill dated 3/2/58, 1975 and 1981
3/28/94	1	John Robertson, (RWQCB)	Stephen Belluomini (DTSC)	Blake Court/Rose Drive - March 1994 Report, by Shehan
3/28/94	1	Stephen Belluomini (DTSC)	Caroline Rudolph, (DTSC)	Clarification: Well G-1 Leachate
3/25/94	2	Karyn Weeing/Anna Hilde Smith/Tom Busfield	William Soo Hoo (DTSC)	Thank you letter for erecting a fence around the area above Palace Court and also for quick response to soil sampling.
3/24/94	1	Pamela Zimba	Caroline Rudolph, (DTSC)	Lagrimas v Southampton et.al. Original.
3/24/94	3	Rose Drive Community Action Committee	William Soo Hoo (DTSC)	Concerns with memo from Stephen Belluomini and Norman Riley to Mark Leary dated 3/7/94.
3/24/94	4	Steve Ritchie	Michael Olson	Southampton/Blake Court Landfill Leachate Migration Investigation, Benicia, CA

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3/24/94	4		Members of BLC	Minutes from Braitto Landfill Action Committee Meeting dated March 22, 1994 at 1:00PM
3/23/94	69			Sample results from Hillside Area/ Palace Ct.
3/22/94	4	William Myers (Hopkin & Carley)	Caroline Rudolph, (DTSC)	Re: Draft Agenda Braitto Landfill Committee March 22, 1994. Original.
3/22/94	1			Draft agenda: Braitto Landfill Committee, dated 3/22/94 at Benicia City Hall
3/22/94	4			Minutes from Braitto Landfill Action Committee meeting on March 22, 1994, 1:00 PM
3/21/94	2	Mark Leary (DTSC)	Southampton Project Team members	Project Communications
3/17/94	3	Jody Sparks. (TAG)	William Soo Hoo (DTSC)	Public Records Act Request & Freedom of Information Act Request Southampton/Braitto Landfill, Benicia, CA
3/17/94	4	Michael Kerner (Kerner, Wepner, and Rosenbaum)	Mark Leary (DTSC)	Concerns: memo from Stephen Belloumini and Norman Riley dated 3/7/94.
3/15/94	20	Mark Leary (DTSC)	Braitto Landfill Committee Members	Apology for confusion caused by his 3/7/94 memo to Steve Belloumini.
3/15/94	3	Stephen Belloumini (DTSC)	Caroline Rudolph, (DTSC)	Comments: 12/20/93 draft addendum to report on additional soil and groundwater investigations North Canyon area.
3/14/94	1			Agenda for Rose Drive Community Action Committee meeting, 3/14/94 7:00 pm.
3/11/94	4	Beth Jines (DTSC)	Ed Kerwin	Response to request for status and finding at 894 Rose Dr. (Lot 35).
3/11/94	4			Map with attachment: A letter to Ed Kerwin from Beth Jines dated March 11, 1994
3/10/94	3	Lisa Bodenstein (Hopkins and Carley)	Curtis Scott (RWQCB)	Southampton has corrected all matters that prompted the Notice of Violation of waste discharge requirements at Blake Court.
3/10/94	5	Lisa Bodenstein (Hopkins and Carley)	Steven Ritchie (RWQCB)	Status of Southampton's compliance with Cleanup and Abatement Order 93-095
3/8/94	3	William Soo Hoo (DTSC)	Margaret Felts (DTSC)	Executive Office route slip attached to a letter to William Soo Hoo from Mike Thompson, Senator, dated 3/3/94
3/7/94	57	Norman Riley (DTSC)	Mark Leary (DTSC)	Attached is a final analysis and interpretation of soil sampling data for the former Braitto Landfill site
3/4/94	13	Cathy de Heer for Ted Splitter, (LFR)	Stephen Belloumini (DTSC)	Results for gas samples collected from soil-gas monitoring probes, utility lines/vaults at the North Canyon Area, Benicia, CA
3/3/94	17	Ted Splitter, (LFR)	Stephen Belloumini (DTSC)	Analytical results for soil-gas samples collected during January 1994, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
3/2/94	4	John Robertson, (RWQCB)	Stephen Belloumini (DTSC)	Draft letter identifying work required to investigate extent of leachate migration associated with monitoring Well G-1 and the Blake Court Landfill
3/1/94	1	Jim Marxen, (DTSC)	File	DTSC held a Public Workshop on the Methane Migration Study for the Braitto Landfill site in Benicia City Hall, Commission Room, 250 East L Street at 6 PM to 9 PM on January 3rd 1994
3/1/94	4	Salli Kraus (AIAC)	Tom Christi (DTSC)	Request to reply to the requested information concerning environmental contamination at the site
3/1/94	17		Beth Jines (DTSC)	Public Participation Plan:- Braitto Landfill Site
2/28/94	1	John Robertson, (RWQCB)	Stephen Belloumini (DTSC)	Blake Court/Rose Drive - February 1994 Report by Ray Shehan
2/28/94	30	Office of Scientific Affairs	Distribution List	Final Report - Regulation of Trivalent Chromium Wastes, initiated in January 1993
2/18/94	1	William Soo Hoo (DTSC)	Ernest Ciarrochi (City of Benicia)	Thank you letter for a letter regarding activities at the Braitto Landfill Site
2/14/94	300	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie (RWQCB)	Fourth Quarter 1993 Groudwater Monitoring Report, NCOU.
2/11/94	12	March Fong Eu, Secretary of State	First Nationwide Inc.	Certification for Articles of Incorporation of California Citizens Mortgage Company
2/11/94	3	March Fong Eu, Secretary of State	First Nationwide Inc.	Certification of Statement by Foreign Corporation
2/11/94	7	March Fong Eu, Secretary of State		Certificate of Limited Partnership, Alma Associates - Affidavit by March Fong Eu
2/8/94	1	Jennifer Rich, (DTSC)	Katherine Hammer (City of Benicia)	A letter as a follow-up to telephone conversation
2/7/94	1	Ted Splitter, (LFR)	Stephen Belloumini (DTSC)	Proposed schedule for soil-gas monitoring, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
2/4/94	14	Ross Sagun	Caroline Rudolph, (DTSC)	Comments on Revised Work Plans for Hides and Tires Area. dated January 31, 1995
2/2/94	1			Agenda for 2/2/94 meeting of Rose Drive Community Action committee

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1/31/94	2	John Robertson, (RWQCB)	Stephen Belluomini (DTSC)	Blake Court/Rose Drive - January 1994 Report by Ray Sholtz
1/28/94	3	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Additional Analyses of Section B-B' Results, North Canyon Former Solano County Sanitary Landfill, Benicia, CA
1/26/94	3	Mike Sorensen (DTSC)	Stephen Belluomini (DTSC)	Review of additional findings and conclusions: slope stability investigation.
1/26/94	3	Mike Sorensen (DTSC)	Stephen Belluomini (DTSC)	Slope Stability for the Southampton Site, Blake Court and Rose Drive
1/25/94	9	Norman Riley (DTSC)	Stephen Belluomini (DTSC)	Comments on OEHHA recommendations regarding additional data
1/24/94	3	C.E. Schmidt	Sue Knadle	A letter from C.E. Schmidt to Robert Sterns regarding proposal SCIENCES for the emission rate assessment of the Southampton residential development
1/21/94	4	Michael Olson (Southampton Co.)	Benicia Residents	Letter to Benicia residents including brief history, environmental investigations, testing results, and status of purchasing of home relocations for Braitto landfill site and its residents.
1/21/94	3	Renee Kames, (Chemrisk)	Stephen Belluomini (DTSC)	Enclosed is a copy of Draft Risk Assessment Work Plan for the North Canyon Footprint Area of Benicia, CA. Attached is a letter dated January 10, 1994
1/20/94	5	Susan Knadle (OEHHA)	Stephen Belluomini (DTSC)	Additional studies needed for assessment of risks, validation, and responding to community concerns
1/13/94	3	Eva Glazer (Cancer Surveillance Center (DHS))	Karen Sweeting (Rose Drive)	Investigation of the cancer concern among residents of Southampton Homes in Benicia
1/13/94	3	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Faxed letter to Curtis Scott at RWQCB regarding status report on progress in locating Rose Drive subdrain pipe and installing SD-2 & SD-3
1/13/94	5			Draft minutes, agenda and sign-in sheet of the Braitto Landfill Committee meeting dated, January 13, 1994
1/11/94	11	Susan Knadle (OEHHA)	Stephen Belluomini (DTSC)	Additional studies: Applications and comparison of soil gas, flux chamber and ambient air sampling results to support risk assessment at a hazardous waste site
1/6/94	3	Jim Marxen, (DTSC)	Braitto Landfill Committee Members	Enclosed is the draft agenda for the Braitto Landfill Committee meeting on January 13, 1994 in Benicia City Hall
1/5/94	200			Draft Risk Assessment Work Plan for the North Canyon Footprint Area of Benicia, CA
1/3/94	5	Jose Luevano, (DTSC)	Ted Splitter, (LFR)	Conditional approval of work plan addenda no. 2 to the Health and Safety Plan for Blake Court and Rose Drive, Southampton Development, Benicia, CA. Attached is a memo from OSA (Region 1) to Jose L. dated 12/30/93
1/3/94	17			Revised Final Addendum Number 2 to Health and Safety Plan, Blake Court and Rose Drive, Southampton Development, Benicia, CA
1/1/94	2	Judith Judson (Southampton Co.)	Future residents of Southampton	Sample letter to new residents of Benicia describing Braitto Landfill exact location of hazardous substances. Also includes rental disclosure statement.
1/1/94	6			EPA Fact Sheet No. 4: Temporary Relocation Information
12/30/93	2	Mark Cameron (DTSC)	Jose Luevano, (DTSC)	Review of Confined Space Health and Safety Plan
12/29/93	24	Health and Safety Unit (DTSC)	File	Confined Spaces Policy and Procedure. Attachments:- Reviewed/Comments on "Addendum No.2 to H&S Plan, Blake Court and Rose Drive" Levine-Fricke dated 12/29/93 - Confined space entry program for Judd Drilling
12/29/93	1	Jennifer Rich, (DTSC)	Lewis Kiehn	A letter, says with enclosures (the property report of 888 Rose Drive, Benicia, CA--Lot 38 and a Fact Sheet), but there are none attached with it.
12/29/93	18	Shari A Samuels, (LFR)	Mark Cammeron (DTSC)	Addendum No. 2 to the Site Health and Safety plan for Blake Court and Rose Drive, Southampton Development, Benicia, California, dated October 2, 1992
12/28/93	1			Notice of workshop on the methane migration study at Braitto on 1/3/94, 6:00 pm.
12/24/93	2	Jim Marxen, (DTSC)	M. Leary, S. Belluomini, B. Jines, and S. Knadle	Memo of minutes from meeting with Jody Sparks.
12/21/93	1	Stephen Belluomini (DTSC)	William Myers (Hopkins & Carley)	Methane Migration Investigation Report for the Southampton Project
12/20/93		Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Draft Addendum to report on additional soil and groundwater investigation, NCOU
12/17/93	2	John Robertson, (RWQCB)	Stephen Belluomini (DTSC)	A letter to Michael Olson from Steve Ritchie regarding: Notice of violation of Waste Discharge Requirements and Cleanup and Abatement order at the Blake Court Landfill, Benicia, Solano County, CA

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12/17/93	2	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Addenda 2 & 3 to the Work Plan for Additional North Canyon Investigations, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
12/16/93	40	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Additional findings and conclusions regarding slope stability investigation, North Canyon area.
12/16/93	5	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Response to DTSC and Integrated Waste Management Board Comments on the April 1993 Levine-Fricke Slope Stability Report
12/14/93	2			Collaborative Agreement signed by William F. SooHoo, Director, DTSC. This agreement documents that the Cancer Surveillance Section of the Department of Health Services is working jointly with the Department of Toxic Substances Control.
12/10/93	2	Beth Jines (DTSC)	Dr. Eva Glazer (Cancer Registry)	Beth Jines faxed a note to Steve Belluomini addressing a cancer issue. 6 recent incidents of testicular cancer &/or leukemia in Southampton Community.
12/9/93	2	Ernest Ciarrochi, Mayor	William Soo Hoo (DTSC)	Braitto/Southampton/Rose Drive "homes on dumps" remediation project.
12/9/93	2			Notes by Beth Jines from Cancer Registry Meeting.
12/3/93	2	Carol Henry (OEHHA)	William Soo Hoo (DTSC)	Letter from Director of OEHHA to the Director of DTSC, acknowledging a letter from Senator Thompson regarding issues related to the Southampton site.
12/2/93	200	Ann McDonald (McDonald Associates)	Roger Vintze (DTSC)	Title Search for Benicia Sanitary Landfill, Benicia, CA. APN 86-41-24
11/30/93	200	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Report on Additional Soil and Ground Water Investigation, NCOU. Volume 1.
11/29/93	3	Barton Simmons (HML)	Susan Knadle/Beth Jines/Jose Luevano	Comments on Southampton Projects
11/29/93	25	Nancy Vierra (Dept. of Fish and Game)	Nancy McGee (DTSC)	Notice to users of Natural Diversity Database information. Attachments: Designated endangered, threatened or rare plants and candidates with official listing dates, June 1993
11/28/93	5	Ann McDonald (McDonald Associates)	Roger Vintze (DTSC)	Title Search Bid for Solano County, California
11/24/93	36	Peter Russell, (Russell Resources, Inc.)	Stephen Belluomini (DTSC)	Preliminary draft, laboratory results and boring logs for October and November 1993. Soil sampling of Blake Court Refuse, Black Material, Hydrocarbon Area and Regional Board Wells
11/24/93	3	Tim Crist, (CIWMB)	Stephen Belluomini (DTSC)	File No. 48-AA-0010, Southampton Development, Braitto Landfill, Benicia
11/22/93	1	Stephen Belluomini (DTSC)	Margaret Dollbaum, (Folger-Levin-Kahn)	Request for exemption to expenditure freeze
11/19/93	2	Beth Jines (DTSC)	Bill Myers (Hopkins and Carley)	Clarifying how lot reports are used and offers DTSC assistance in providing information to prospective renters.
11/19/93	5	William Soo Hoo (DTSC)	Janet/Daniel Clark	Reply to the letter to Governor Wilson regarding continuing problems with obtaining relocation assistance from the Southampton Co.
11/18/93	9	Susan Knadle (OEHHA)	Stephen Belluomini (DTSC)	Comments on Draft Report on Methane Migration Investigation, North Canyon Area, Benicia, CA
11/17/93	3	Sallie Kraus (AIAC)	Stephen Belluomini (DTSC)	Southampton Residential Development Solano County, Benicia, CA. Claim No. 182-020712
11/12/93	6	City Manager	Mayor and City Council	Rose Drive, Benicia, CA
11/12/93	1	Stephen Belluomini (DTSC)	Michael Olson (Southampton Co.)	Scheduling meeting to discuss the issue of relocating residents of Rose Drive
11/11/93	1	Karyn Sweeting (Resident)	Mark Leary (DTSC)	Letter requesting a response: October 15, 1993 draft agreement from Hopkins and Carley to Steve Belluomini.
11/11/93	100	Peter Russell, (Russell Resources, Inc.)	Curtis Scott (RWQCB)	Results of Third Quarter 1993 ground water sampling, NCOU.
11/5/93	5	Steve Ritchie	William Myers (Hopkins and Carley)	Southampton, Blake Court, Cleanup and Abatement Order No. 93-095: Approval to proceed with installation of monitoring devices in Rose Drive
11/4/93	5	Ann McDonald (McDonald Associates)	Roger Vintze (DTSC)	Site Maps in 1978
11/2/93	1	Jody Sparks, (TAG)	File 2000	Review of Merlyn Database at UCD Physical Sciences Library for information in system on tannery waste
11/1/93	10	Ted Splitter, (LFR)	Stephen Belluomini (DTSC)	Addendum 2 to the Revised Work Plan for Methane Migration Investigation - North Canyon Area
11/1/93	2	Ted Splitter, (LFR)	Curtis Scott (RWQCB)	Response to Regional Water Quality Control Board clarification letter of October 13, 1993 regarding Cleanup and Abatement Order No. 93-095

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11/1/93	11	Ted Splitter. (LFR)	Stephen Belluomini (DTSC)	Figures for the Report on Methane Migration Investigation, North Canyon Area, Benicia, CA
11/1/93	1			Braitto Landfill Update Fact Sheet. Field work scheduled to begin 12/6/93 and methane migration study workshop on 12/7/93.
10/30/93	2		Community	RDCAC Survey form for residents of old Braitto Landfill. Remediation period 10/30/93 to 11/3/93. 2/1/94. Attached is a site map
10/25/93	1	Edwin Oyarzo (SAIC)	Roger Vintze (DTSC)	Re: PRP Search Work
10/23/93	3			List of questions proposed by Rose Drive Community Action Committee at public meeting 10/23/93.
10/21/93	4	Norman Riley (DTSC)	William Myers (Hopkins & Carley)	Decision concerning the relocation of HC-1 and deletion of the boring between the houses on Lots 50 & 51
10/15/93	12	Norman Riley (DTSC)	Steve Belluomini (DTSC)	Summary of project work, October 4-14, 1993
10/15/93	4	Norman Riley (DTSC)	William Myers (Hopkins & Carley)	Supplemental agreements regarding the workplan addenda for the additional North Canyon investigation
10/15/93	150	Ted Splitter. (LFR)	Steve Belluomini (DTSC)	Draft Report on Methane Migration Investigation North Canyon Area
10/13/93	3	James Cutright (DTSC)	Howard Lewis (Alma Assoc. dba Southampton Co.)	DTSC has evaluated evidence in connection with its investigation of Southampton site and determined that you are a potential responsible party.
10/13/93	2	Steven Ritchie	William Myers	Southampton, Blake Court, Clean-up and Abatement Order No. 93-095; Clarification of deliverables and revisions. It was faxed to Norm Riley at DTSC from Curtis Scott at RWQCB
10/12/93	1		Jennifer Rich. (DTSC)	Business information report
10/10/93	3	George Sening (Train-Sening & Hoffman)	Roger Vintze (DTSC)	Title search on 4 properties in Solano County, California - 1978 APN
10/7/93	7	Norman Riley (DTSC)	Bill Myers (Hopkins and Carley)	Conditional approval of workplan addenda for additional North Canyon investigation.
10/5/93	3	Marie McCrink (DTSC)	Norman Riley (DTSC)	Response to August 24, 1993 draft text for workplan addendum, Southampton site, Benicia, Solano County, CA
10/1/93	1			Braitto Landfill Update Fact Sheet. Fieldwork scheduled to begin 10/18/93.
10/1/93	15			Draft Addendum Number 2 to Work Plan for Additional North Canyon Investigations
10/1/93	15			Draft Addendum Number 3 to Work Plan for Additional North Canyon Investigations
10/1/93	18			Final Draft - Public Participation Plan - Braitto Landfill Site - October 1993
9/29/93	4			Sign-up sheet and agenda for Southampton Meeting
9/21/93	2	Norman Riley (DTSC)	Jody Sparks. (TAG)	Acknowledges that dredgings from Benicia marina were delivered to Braitto site, but fails to warrant further investigation.
9/14/93	2	Norman Riley (DTSC)	Tom Busfield	Warning of potential fire danger in backyard of his house.
9/8/93	3	Stephen Belluomini (DTSC)	Bill Myers (Hopkins and Carley)	Summarizes recommendations from meetings of Sept. 1 and 2, 1993 re: slope stability, hydrocarbons, and risk assessment.
9/7/93	2	Norman Riley (DTSC)	Daniel Clark	Lot report for 909 Rose Drive.
9/3/93	2	Mark Leary (DTSC)	Dr. William Vance (OEHA)	Commends Susan Knadle's invaluable assistance and requests her continued work on Southampton project.
9/3/93	1	Mark Leary (DTSC)	Marge Rouchie (CIWMB)	Commends Tim Crist's invaluable assistance on Southampton project.
8/31/93	2	Norman Riley (DTSC)	Bill Myers (Hopkins and Carley)	Acknowledgement of receipt of methane migration study data tables, but still needs originals of lab reports, QA/QC results, chain of custody, and related correspondences.
8/31/93	8	Norman Riley (DTSC)	Braitto Landfill Committee Members	Draft minutes for 8/30/93 BLC meeting including sign-in sheets.
8/31/93	1	Norman Riley (DTSC)	William Myers (Hopkins & Carley)	Request for Methane Migration Study data
8/27/93	21	Norman Riley (DTSC)	Steve Belluomini (DTSC)	Evaluation of data for Southampton OU 3 (Hydrocarbon area) and recommendations for additional investigative work
8/27/93	4	Steve Ritchie (RWQCB)	Michael Olson	Transmittal of Cleanup and Abatement Order (CAO) NO. 93-095, Southampton Company, Benicia, CA
8/25/93	1	Jim Marxen. (DTSC)	William Myers (Hopkins & Carley)	Notifying that the Department of Toxic Substances Control
8/24/93	2	Norman Riley (DTSC)	Bill Myers (Hopkins and Carley)	Request for information/documents
8/24/93	3	Norman Riley (DTSC)	Bill Myers (Hopkins and Carley)	Summary of meeting of 8/18/93: slope stability, waste classification, hydrocarbon and methane areas, and ground water issues.
8/24/93	1	Norman Riley (DTSC)	William Myers (Hopkins & Carley)	Request for Methane Migration Study

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8/24/93	4	Pamel Zimba	Norman Riley (DTSC)	Lagrimas v. Southampton Co. et al. Solano County Superior Court. (Consolidated Case No. 114730)
8/3/93	1	Allen Storm (Russell Resources, Inc.)	Stephen Belluomini (DTSC)	Field boring logs for North Canyon Area of the Former Solano County Sanitary Landfill, Southampton Project, Benicia, CA
8/2/93	4	Norman Riley (DTSC)	Beth Jines (DTSC)	Additional testing requirements based on the July 20, 1993 analysis of soil sampling data for Blake Court/Parcel C1, Creekbed and Black material units
8/2/93	26	Norman Riley (DTSC)	William Myers (Hopkins & Carley)	Enclosed are the comments on 3/18/93 "Draft Report on Additional Soil and Ground-water Investigation" and the 4/26/93 "Draft Slope Stability Investigation Report" also memo specifying additional testing requirements for waste classification
8/1/93	1			Braitto Landfill Fact Sheet. Lot Reports and how they tie to the investigation.
7/30/93	75	Peter Russell, (Russell Resources, Inc.)	Curtis Scott (RWQCB)	Second Quarter 1993 Ground Water Monitoring Report, NCOU.
7/22/93	2	Norman Riley (DTSC)	Beth Jines (DTSC)	Comments to the March 18, 1993 "Draft Report on Additional Soil & Ground-water Investigation, North Canyon Area, Benicia, CA" by Levine-Fricke
7/20/93	87	Norman Riley (DTSC)	Beth Jines (DTSC)	Final draft analysis and interpretation of soil sampling data for the Southampton project
7/15/93	5	Mike Sorensen (DTSC)	Stephen Belloumini (DTSC)	Review and comments on slope stability investigation report.
7/15/93	8	Norman Riley (DTSC)	Braitto Landfill Committee Members	Draft minutes for 6/28/93 BLC Meeting including sign-in sheets.
7/15/93	5	Site Mitigation Program	Steve Belluomini (DTSC)	Slope Stability Investigation Report - Southampton Site, Blake Court and Rose Drive
7/14/93	1	Beth Jines (DTSC)	Wadlengers	Confirms 938 Rose Drive is not within footprint, but may contain minor amounts of debris.
6/22/93	1	Beth Jines (DTSC)	Mary Lee	Confirms 942 Rose Drive is out of footprint, but may contain minor amounts of debris.
6/22/93	5	Marie McCrink (DTSC)	Beth Jines (DTSC)	Review of the Levine-Fricke Draft Report on Additional Soil and Ground Water Investigation, North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
6/16/93	30	Susan Knadle (OEHHA)	Beth Jines (DTSC)	Addendum to the Revised Work Plan for Methane Migration Investigation, June 15, 1993, Addendum to the revised Quality Assurance Project Plan for Methane Migration Investigation, June 15 1993.
6/15/93	25	Ted Splitter, (LFR)	Beth Jines (DTSC)	Addenda to the Revised Work Plan for Methane Migration Investigation & the Revised Quality Assurance Project Plan for Methane Migration Investigation
6/14/93	2	TAG	(DTSC)	Scheduled notes and schedule of major tasks for Braitto Landfill Project.
6/3/93	4	Norman Riley (DTSC)	Steve Belluomini (DTSC)	Comments on the May 11, 1993 review of the Levine-Fricke additional studies report
6/2/93	6	Norman Riley (DTSC)	BLAC Members	Draft minutes of 5/24/93 meeting
5/24/93	10			DTSC has prepared this document to follow-up on comments and questions received at the Sep 21, 1992 public meeting concerning the Blake Court/Rose Drive project
5/22/93	2			Southampton Notes
5/21/93	6			Minutes of October 14, 1992 OEHHA Meeting, North Canyon Investigation, Southampton, Benicia, CA.
5/20/93	25	Norman Riley (DTSC)	Beth Jines (DTSC)	Second draft of an analysis of data gathered for the Southampton Project
5/20/93	9	Richard McMurtry (RWQCB)	Beth Jines (DTSC)	Site review, evaluation and recommendations for North Canyon/Blake Court Landfill and Vicinity. Recommends more extensive monitoring if Blake Court wastes are not removed
5/13/93	13	Annina Antonio	Lisa Bodensteiner	Draft Final Hazard Ranking System score for Southampton/Blake Court site, Benicia, CA
5/13/93	27	Hazardous Waste Management	Steve Belluomini (DTSC)	Draft Slope Stability Investigation Report - North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
5/11/93	5	Steve Belluomini (DTSC)	Beth Jines (DTSC)	Review of the Levine-Fricke Draft Report on Additional Soil Ground Water Investigation North Canyon Area of the Former Solano County Sanitary Landfill, Benicia, CA
5/10/93	13	Norman Riley (DTSC)	Steve Belluomini (DTSC)	Preliminary draft of an analysis of data gathered for the Southampton Project
5/1/93	29			Superfund National Technical Guidance Study Series Volume IV - Guidance for Ambient Air Monitoring at Superfund Sites (Revised)
4/29/93	9	Norman Riley (DTSC)	All BLC Members	Draft minutes from 4/26/93 meeting

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4/27/93	3	William Owen (DTSC)	Steve Belluomini (DTSC)	Southampton subdivision, Review of ground penetrating radar survey. Attached is a Headquarters Technical Consultation Request Form by Steve Belluomini
4/26/93	150	Ted Splitter. (LFR)	Beth Jines (DTSC)	Revised Quality Assurance Project Plan for Methane Migration Investigation - North Canyon Area
4/26/93	150	Ted Splitter. (LFR)	Beth Jines (DTSC)	Slope Stability Investigation Report - North Canyon Area - Draft
4/22/93	3	Susan Knadle (OEHHA)	Beth Jines (DTSC)	Comments on Public Participation Plan for Braitto Landfill site.
4/12/93	25	Ted Splitter. (LFR)	Beth Jines (DTSC)	Revised Work Plan for Methane Migration Investigation - North Canyon Area
4/2/93	6	Beth Jines (DTSC)	John Atwood	Confirming that his house at 944 Rose Drive is not affected by waste.
4/2/93	6	Jody Sparks. (TAG)	Marcia Murphy, (DTSC)	TAG Directory of contacts on Braitto Landfill Project
4/2/93	4	Nancy Weiss (City of Benicia)	Jim Marxen, (DTSC)	Draft comments on Public Participation Plan.
4/2/93	2	William Myers (Hopkin & Carley)	Stephen Belluomini (DTSC)	Article from Benicia-Herald contains number of inaccurate and misleading statements.
3/31/93	60	Ted Splitter. (LFR)	Beth Jines (DTSC)	Draft results of a ground penetrating radar survey Lots 47, 49, 50 & 51 in the North Canyon Area, Benicia, CA. Attachments are: (1) Norcal's technical report, (2) Copies of lithologic logs from exploration borings.
3/26/93	25	Norman Riley (DTSC)	Braitto Landfill Committee Members	Draft minutes for 3/22/93 meeting including sign-in sheets.
3/23/93	7	Norman Riley (DTSC)	Beth Jines (DTSC)	Lot Reports: Summary of apparent error and inconsistencies identified during a review of the lot reports
3/22/93	7			Minutes of the March 22, 1993 meeting. Braitto Landfill Advisory Committee
3/19/93	3	Norman Riley (DTSC)	Beth Jines (DTSC)	Lot Reports: Follow up to previous memorandum dated March 16, 1993
3/19/93	75	Peter Russell, (Russell Resources, Inc.)	Louis Goldsmith, (RWQCB)	Results from additional groundwater sampling for NCOU.
3/18/93	100	Ted Splitter. (LFR)	Beth Jines (DTSC)	Draft Report on Additional Soil & Groundwater Investigation - North Canyon Area - Vol-I
3/18/93	600	Ted Splitter. (LFR)	Beth Jines (DTSC)	Draft Report on Additional Soil & Groundwater Investigation - North Canyon Area - Vol-II
3/16/93	6	Carol Northrup	Braitto Landfill Advisory Committee	Public Participation Plan Comments from Dr. Robert Holtzer (OEHHA), Susan Knadle (OEHHA), and Norman Riley (DTSC).
3/16/93	12	Norman Riley (DTSC)	Beth Jines (DTSC)	Lot Reports: Summary of questions and apparent errors or inconsistencies identified during a review of lot reports. Attached are FAX Confirmation Sheets to Peter Russell and Bill Myers
3/3/93	200	Peter Russell, (Russell Resources, Inc.)	Beth Jines (DTSC)	Report of duplicate soil samples and amended laboratory report for December 20, 1991. Data report for Blake Court environmental investigation.
3/2/93	2	Tim Crist. (CIWMB)	Beth Jines (DTSC)	Fax shows field notes and installation detail for CIWMB gas-probe at Blake Court
2/19/93	2	Elgar Stephens	Beth Jines (DTSC)	Fax Cover Sheets to Beth Jines & Tom Sparks from Elgar Stephens. Attached is a memo from Tom Sparks to Beth Jines regarding comments on the Methane Monitoring Plan.
2/19/93	1			Braitto Interagency Meeting agenda, 10:00 am, benicia City Hall, 2/10/93
2/18/93	2	Jody Sparks. (TAG)	Beth Jines (DTSC)	Excerpt from article: Environmental Epidemiology, Public Health and Hazardous Waste, National Research Council, National Academy Press. 1991
2/18/93	2	Jody Sparks. (TAG)	Beth Jines/Stephen Belluomini (DTSC)	TAG's comments on Methane Monitoring workplan
2/17/93	16	Peter Collier (Region 1)	Steve Belluomini (DTSC)	Review of the Former Solano County Sanitary Landfill Methane Migration Investigation Work Plan and QAPP
2/11/93	5	Trevor Chaplick	Joe Rodding	Presentation of claims to the State of California, CalEPA - DTSC pursuant to California Government Code §§ 905.2 and 910
2/10/93	6			Minutes from 2/10/93 Braitto Landfill Advisory Committee, including a list of attendees.
2/9/93	7	Susan Knadle (OEHHA)	Beth Jines (DTSC)	Comments on Methane Migration Investigation and Quality Assurance Project Plan
2/8/93	7	Stephen Belluomini (DTSC)	Beth Jines (DTSC)	Workplan for Methane Migration Investigation, North Canyon area, Benicia, CA
2/5/93	4	Tim Crist. (CIWMB)	Beth Jines (DTSC)	Gas Migration Work Plan for Southampton Blake court, Rose Drive facility. File No. 48-AA.0010
2/3/93	1	Steve Ritchie (RWQCB)	Tom Kilburn (Southampton Co.)	Order No. 87-007, Southampton, North Canyon, Revisions to Self Monitoring Program. Correction of letter dated 1/29/93

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2/2/93	2	Carol Northrup (DTSC)	Marcia Murphy (DTSC)	Rose Drive/Blake Court site Public Participation Plan review
2/2/93	1	Stephen Belluomini (DTSC)	William Myers (Hopkins & Carley)	Approval of expedited ground penetrating radar survey, Southampton Site
2/2/93	4	Ted Splitter. (LFR)	Beth Jines (DTSC)	Work plan for a ground penetrating radar survey of Lots 49, 50, and 51.
2/2/93	9	Ted Splitter. (LFR)	Beth Jines (DTSC)	The draft response to the homeowners association questions and the work plan for the ground penetrating radar survey
2/2/93	1	Thomas C. Sparks	Stephrnen Belluomimi (DTSC)	Confirm radar testing in NCOU
2/1/93	4	Beth Jines (DTSC)	Curtis Scott (RWQCB)	Request for review and comment on methane reports.
2/1/93	34	Moore Iacofano Goltsman, Inc.	Cal/EPA DTSC	Public Participation Plan: Rose Drive/Blake Court Area of the Former Solano County Sanitary Landfill
1/30/93	2	Mike Thompson (CA State Senate)	Mr. & Mrs. Dan Clark (Residents)	Recently received petition signed regarding toxic waste in the Blake Court/Rose Drive area. Writing to express concern.
1/29/93	1	Steve Ritchie (RWQCB)	Tom Kilburn (Southampton Co.)	Order No. 87-007, Southampton, North Canyon, Revisions to Self Monitoring Plan
1/29/93	2			Agenda-Southampton Meeting - January 29, 1993
1/27/93	11	Julie Sharp. (LFR)	Stephen Belluomini (DTSC)	Metals analysis results for soil sample, North Canyon area, Benicia, CA. These draft tables sent at the request of Bill Myers
1/27/93	150	Ted Splitter. (LFR)	Beth Jines (DTSC)	Quality Assurance Project Plan for Methane Migration Investigation - North Canyon Area
1/27/93	25	Ted Splitter. (LFR)	Beth Jines (DTSC)	Work Plans for Methane Migration Investigation - North Canyon Area
1/27/93	10			Metals analysis results for soil samples North Canyon area of the Former Solano County Landfill, Benicia, CA
1/25/93	5	Susan Knadle/Michael Wade (DTSC)	Beth Jines (DTSC)	Risk Assessment Workplan for Southampton, Inc., Benicia, CA
1/19/93	14			HRS Ranking Package
1/16/93	1	Dwight Hoeing	File	Meeting with DTSC about Southampton Development
1/1/93	9			Environmental Protection: "Minimizing Emissions at Hazwaste Sites", by C. E. Schmidt, Ph. D.
12/31/92	7	First Nationwide Financial Corporation	Sam Martinez. (DTSC)	Payment Summary Analysis
12/22/92	1	Southern California Laboratory	Tim Crist. (CIWMB)	Analysis results for SCL # 12127-12129, Blake Court, Benicia, CA
12/21/92	4	Southern California Laboratory	Tim Crist. (CIWMB)	Organochloride pesticides analysis for SCL No. 12127-12129, Blake Court, Benicia, CA
12/16/92	4	Southern California Laboratory	Tim Crist. (CIWMB)	TPH analysis for SCL # 12127-12129, Blake Court, Benicia, CA
12/16/92	8	Southern California Laboratory	Tim Crist. (CIWMB)	GC/MS semivolatile organics analysis for SCL # 12127-12129, Blake Court, Benicia, CA
12/15/92	3	Southern California Laboratory	Tim Crist. (CIWMB)	PCBs analysis for SCL # 12127-12129, Blake Court, Benicia, CA
12/11/92	9	Southern California Laboratory	Tim Crist. (CIWMB)	Analytical report package prepared for SCL sample # 12127-12129
12/11/92	7	Ted N. Rauh	Norman Lezim	Regulation of solid leather processing wastes.
12/10/92	4	Hazardous Materials Laboratory	Craig Silver (DTSC)	Lab results for HML #'s 920781-783
12/2/92	1	Mark Leary (DTSC)	Rose Drive Action Committee	Transferring responsibility for the Southampton site
12/2/92	14	Peter Russell, (Russell Resources, Inc.)	(DTSC)	A Blake Court MAP with pumping logs for 'proposed lime injections' for Southampton Units 4 & 5, Lots 41 & 47, Blake Court, North Canyon area, Benicia, CA
12/2/92	4			Meeting Notes
11/6/92	1	Barbara Cook (DTSC)	Michael Olson (Southampton Co.)	Approval of documents for North Canyon additional investigation
11/5/92	40	(LFR)		Addendum Number 1 to Health & Safety Plan Blake Court/Rose Drive Southampton Development
10/26/92	25	Ted Splitter. (LFR)	William Meyers	Work Plan for a Slope Stability Investigation Blake Ct./Rose Drive - Southampton Development
10/22/92	24	McLaren/Hart	Southampton Co.	Southampton Development study of methane concentrations in house crawl spaces
10/20/92	1	Ted Splitter. (LFR)	Jose T. del Rosario (DTSC)	Transmittal of additional copies of the work plan for a slope stability investigation Blake Court and Rose Drive.
10/19/92	24	Jody Sparks. (TAG)	Derek Van Hoorn (DTSC)	Packet containing: Interin Report on Braito Landfill and Chronology on Braito, both prepared by TAG.
10/16/92	3	Jody Sparks. (TAG)	William Soo Hoo (DTSC)	Hard copy and fax copy of correspondence re: Departmental and RP's negotiations on Braito.
10/14/92	25	Ted Splitter. (LFR)	Jose T. Del Rosario (DTSC)	Work Plan for a Slope Stability Investigation Blake Court and Rose Drive Southampton Development

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10/8/92	2	Elgar Stephens (Applied Engineering & Geology)	Tom Sparks (TAG)	Review of documents provided to AEG on October 7, 1992 - Project: Braito Landfill, AEG Job No. 206-057-869
10/5/92	30	Ted Splitter. (LFR)	Jose Del Rosario (DTSC)	Field Procedures Manual for Investigation Activities in the Blake Court & Rose Drive Portion of the Southampton Development Project Area
10/2/92	25	Levine-Fricke		Health & Safety Plan: Blake Court and Rose Drive, Benicia, CA
9/28/92	4	William Myers (Hopkin & Carley)	Jose del Rosario (DTSC)	Schedule of field work for additional North Canyon investigation and seismic stability study.
9/25/92	1			Meeting notes 9/25/92
9/24/92	4	Susan Knadle (OEHA)	Peter Russell, (Russell Resources, Inc.)	Response letter to comments 9/16/92. This letter concerns important differences of opinion on the environmental investigation of the North Canyon footprint.
9/22/92	9	Jody Sparks, (TAG)	File	Review of Lot Reports
9/21/92	24	Jody Sparks, (TAG)	Marcia Murphy, (DTSC)	(1) Interim Report, August 30, 1992: (2) Chronology of Events at Solano County Sanitary Landfill, Old Braito Landfill/Rose Drive Project Team
9/17/92	1	Barbara Cook (DTSC)	Michael Olson (Southampton Co.)	Work plans for additional North Canyon investigations.
9/17/92	4	Carol Northrup	Marcia Murphy	Rose Drive/Blake Court Public Participation Plan interviews
9/16/92	15	Ted Splitter. (LFR)	William Myers (Hopkins & Carley)	Draft work plan for Methane Migration Investigation, Blake Court and Rose Drive Southampton Development, Benicia, CA. LF2715.01
9/15/92	112	Bectal Environmental, Inc.	Paul La Courreye (EPA Region IX)	Site Inspection of the Liberty High School site, in Benicia, Solano County, CA
9/4/92	1	Barbara Cook (DTSC)	Nancy Weiss (City of Benicia)	Southampton public meeting schedule
8/30/92	22			Old Braito Landfill/Rose Drive Project Team, Interim Report, August 30, 1992
8/26/92	2	Peter Russell, (Russell Resources, Inc.)	Jose Del Rosario (Cal FPA)	Transmittal letter for work plan for additional North Canyon investigations.
7/17/92	82			TAG Binders #1 of 1 Department of Fish and Game
7/15/92	25			TAG Binders #1 of 1 Bay Area Air Quality Management District
7/8/92	17	Barbara Cook (DTSC)	Mr. and Mrs. Zee	Status report for 907 Rose Drive including maps, soil gas and boring results and DTSC questionnaire.
7/8/92	15			Lot 49-50-51 property report - soil-gas sample location, Southampton, Benicia, CA
7/7/92	3	Derek Van Hoorn	Mark Pollock	Thank you letter for redrafting the Stipulated Amended Final Judgement
7/1/92	232			TAG Binders #1 of 1 SCDM
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-I #1 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-II #2 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-III #3 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-IV #4 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-V #5 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-VI #6 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-VII #7 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-VIII #8 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-IX #9 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-X #10 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-XI #11 of 12
6/30/92	500	William Myers (Hopkins & Carley)	Barbara Cook (DTSC)	Data Report Reconnaissance Investigation North Canyon Area Vol-XII #12 of 12
6/19/92	114	Christopher Alger	Barbara Cook (DTSC)	Results of soil sampling and analysis conducted at Lot 47 on Blake Court, North Canyon area of Benicia, CA
6/17/92	400	James Strandberg (Woodward-Clyde)	Barbara Cook (DTSC)	Data Report for Blake Court Environmental Investigation Lots 41 through 52 and Parcel C-1, Benicia, CA
6/15/92	2	James Strock (CalEPA)	Barry Keene at State Capitol	Response to the letter dated May 26, 1992

ADMINISTRATIVE RECORDS LIST
FORMER SOLANO COUNTY SANITARY LANDFILL SITE

6/4/92	3	James Strock (CalEPA)	Thomas Hannigan, the Assemblyman	Southampton Site, Rose Drive and Blake Area, Benicia, CA
5/26/92	2	Thomas Hannigan, the Assemblyman	James Strock (CalEPA)	Correspondence from California, Legislature
5/19/92	55			State Department of Real Estate
5/12/92	200			TAG Binders #1 of 4 City of Benicia
5/12/92	200			TAG Binders #2 of 4 City of Benicia
5/12/92	200			TAG Binders #3 of 4 City of Benicia
5/12/92	160			TAG Binders #4 of 4 City of Benicia
5/5/92	200			TAG Binder #1 of 10, Solano County Department of Environment Management
5/5/92	200			TAG Binder #2 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	200			TAG Binder #3 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	200			TAG Binder #4 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	250			TAG Binder #5 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	166			TAG Binder #6 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	233			TAG Binder #7 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	175			TAG Binder #8 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	228			TAG Binder #9 of 10, Solano County Department of Environment Management(SCDEM)
5/5/92	179			TAG Binder #10 of 10, Solano County Department of Environment Management(SCDEM)
5/1/92	1	Renee Kalmes (ChemRisk for Granite)	Barbara Cook (DTSC)	Transmittal letter for Draft Risk Assessment for interagency review only.
5/1/92	150			Draft Screening Risk Assessment Report for the North Canyon Footprint Area of Benicia, CA
4/24/92	2	Thomas Sparks (TAG)	Milton Feldstein (BAAQMD)	Public Records Request
4/22/92	200			TAG Binders #1 of 3 California Integrated Waste Management Board(CIWMB)
4/22/92	200			TAG Binders #2 of 3 California Integrated Waste Management Board(CIWMB)
4/22/92	200			TAG Binders #3 of 3 California Integrated Waste Management Board(CIWMB)
4/20/92	46			TAG Binders #1 of 1 State Water Resources Control Board (SWRCB)
4/16/92	200			TAG Binders #1 of 2 DTSC - Berkeley/Region 2
4/16/92	292			TAG Binders #2 of 2 DTSC - Berkeley/Region 2
4/15/92	6	Shalom Eliahu (ENGE0 INC.)	Stephen Belluomini (DTSC)	Scope of Subsurface Exploration, Blake Court, Southampton, Benicia, CA
4/14/92	1	Barbara Cook (DTSC)	Michael Olson (Southampton Co.)	North Canyon environmental investigation
4/10/92	225			TAG Binders #1 of 6 RWQCB Region 2
4/10/92	200			TAG Binders #2 of 6 RWQCB Region 2
4/10/92	227			TAG Binders #3 of 6 RWQCB Region 2
4/10/92	226			TAG Binders #4 of 6 RWQCB Region 2
4/10/92	225			TAG Binders #5 of 6 RWQCB Region 2
4/10/92	200			TAG Binders #6 of 6 RWQCB Region 2
3/31/92	2	Thomas Hannigan, the Assemblyman	James Strock (CalEPA)	The letter from Mr. Dirk Fulton dated 2/27/92, about the investigation of toxic contamination in a residential neighborhood in Benicia
3/17/92	5	Barbara Cook (DTSC)	Rose Drive Resident	Rose Drive and Blake Court environmental investigation
2/3/92	3	Ronald Lewis (DTSC)	Michael Olson (Southampton Co.)	North Canyon environmental investigation
1/25/92	24	Susan Knadle/Michael Wade	Beth Jines (DTSC)	Risk Assessment Workplan for Southampton Inc., Benicia, CA. Attached are the memos regarding health risk criteria and evaluating treatment for PAH's
1/17/92	150			Data Report for Blake Court Groundwater Monitoring, Benicia, CA
1/17/92	5			Meeting agenda: Southampton site work group, Solano County Environmental Health, Fairfield, CA
1/17/92	7			Location Map of Blake Court, Benicia, Monitoring Well - Attachments are Data Report for Blake Court Groundwater Monitoring by Woodward-Clyde Consultant

ADMINISTRATIVE RECORDS LIST
FORMER SOLANO COUNTY SANITARY LANDFILL SITE

1/16/92	1	James Strandberg (Woodward-Clyde)	Steven Ritchie (RWOCB)	Transmittal letter for data report for monitoring well installation.
1/3/92	1	Philip Asiano	Ron Scheufler/Jose Del Rosario	Brown v. Southampton Company, Former Braitto Landfill, Benicia, CA
12/23/91	2	Mark Pollock	William Myers (Hopkins & Carley)	Formal request that Southampton accede to the amendment of the existing document to insert Cal EPA as the lead agency for purposes of ongoing enforcement
12/20/91	100	James Strandberg (Woodward - Clyde Consultants)	William Myers (Hopkins & Carley)	Data Report for Blake Court Environmental Investigation, Benicia CA. Vol. I
12/20/91	200	James Strandberg (Woodward - Clyde Consultants)	William Myers (Hopkins & Carley)	Data Report for Blake Court Environmental Investigation Benicia CA. Vol. II
12/20/91	500	James Strandberg (Woodward - Clyde Consultants)	William Myers (Hopkins & Carley)	Data Report for Blake Court Environmental Investigation Benicia CA. Vol. III
12/20/91	4			Data report for Blake Court Environmental Investigation (December 20, 1991) - Data Gap Identification
12/7/91	2	Philip Asiano	Cliff Covey/ Ron Scheufler/ Tom Tharron	Brown v. Southampton, Benicia, CA
11/27/91	1	Kay Wilson/Kelly Stewart	Nancy Weiss (City of Benicia)	Draft Fact Sheet #2, Rose Drive/Blake Court Environmental Evaluation
11/25/91	3	Barbara Cook (DTSC)	Cliff Covey (SCDEM)	Public involvement issues related to Southampton PEA
11/20/91	2	Clifford Covey	Howard Hatayama	Formal Request for the DTSC to take the lead role in the remediation of potentially hazardous wastes which were found near Rose Drive and Blake Court in Benicia
11/12/91	2	Kay Wilson/Kelly Stewart	Nancy Weiss (City of Benicia)	Recap of meeting with Jim Mellen
11/12/91	5	Kay Wilson/Kelly Stewart	Mayor Marilyn Citron O'Rourke (City of Benicia)	Draft letters to the Rose Drive Testing Area residents and CAC representatives
11/6/91	32			Overheads used in community meetings, Southampton development, Solano County
10/31/91	2	James C. Carlisle	Annina Antorio	Evaluation of lead & chromium levels in fruit - Southampton site
10/29/91	42	Phyllis Fox, (Russell Resources, Inc.)	SCDEM	An historical overview of environmental conditions at the North Canyon area of the Former Solano County Sanitary Landfill
10/24/91	1	Kay Wilson/Kelly Stewart	Nancy Weiss (City of Benicia)	Meeting update for Rose Drive/Blake Court Environmental Evaluation
10/2/91	35			An historical overview of environmental conditions at the North Canyon area of the former Solano County Sanitary Landfill
9/26/91	50	Peter Russell, (Russell Resources, Inc.)	Cliff Covey (SCDEM)	Report on Phase 1, North Canyon Reconnaissance Investigation.
9/20/91	300	Peter Russell, (Russell Resources, Inc.)	Stevie Ritchie (RWQCB)	Water sampling results and ground water sampling network proposal for the former Braitto Landfill, Benicia, CA.
9/20/91	10			Data Report & Existing Monitoring Locations, North Canyon/Blake Court Area, Benicia, CA
9/18/91	10	James Strandberg (Woodward-Clyde)	William Myers (Hopkins & Carley)	Letter report for Blake Court Environmental Investigation, hexavalent chromium results.
9/4/91	30	Jeffrey Friedman (Woodward-Clyde Consultants)	William Myers (Hopkins & Carley)	Data report for Blake Court environmental investigation, Leachate sampling and analysis of monitoring well.
9/1/91	1			Community Update: Environmental evaluation for Rose Drive and Blake Court. Fact Sheet #1
8/31/91	200	James Strandberg (Woodward-Clyde)	William Myers (Hopkins & Carley)	Data report for Blake Court Environmental Investigation: Lots 41 through 51, Benicia, CA
8/22/91	200			Blake Court Soil Investigation Quality Assurance Project Plan
8/19/91	9	Peter Russell, (Russell Resources, Inc.)	Ron Scheufler (SCDEM)	Literature review of lead and chromium translocation in plants. Benicia, CA
8/2/91	2	Donald Cox	Michael Olson	DTSC has determined that Preliminary Endangerment Assessment is necessary at Southampton/Blake Court Site, Benicia, CA
7/29/91	2	Jill Singleton	Don Cox/Nina Antonio, Carol Northrup, Barbara Cook	Talking points on Southampton/ Benicia meeting July 29, 1991
7/22/91	3	Daniel Hernandez	Cliff Covey (SCDEM)	EMCON report regarding the property known as 876 Rose Drive Benicia, CA
7/15/91	34	Lynn Gallagher/Mark Smolley (EMCON)	Tom Kilburn (Southampton Co.)	Preliminary Site Investigation at 876, Rose Drive, Benicia, CA

ADMINISTRATIVE RECORDS LIST
FORMER SOLANO COUNTY SANITARY LANDFILL SITE

4/25/91	4	Shalom Eliahu (ENGEO Inc.)	Tom Kilburn (Southampton Co.)	Maps: Final report on testing and observation during grading, December 20, 1982, Southampton Units B4 & B5 - File N80-1291-B2
3/15/91	6	Shalom Eliahu (ENGEO Inc.)	Tom Kilburn (Southampton Co.)	The North Canyon along Rose Drive, was graded in the spring and summer of 1980, Benicia, CA
8/10/90	5	Susan Knadle (OEHHA)	Stephen Belluomini (DTSC)	Draft: Operating Unit 1, Lots 50 and 51 on Rose Drive, Benicia: information needed for assessment of potential risks during removal, including further chemical analyses of waste to be removed.
3/29/90	100			Environmental Protection Agency Part-II, Federal Register - Rules and Regulation, Vol 55, No.61
3/7/90	20	Toner Mitchell (Ecology and Environment)	Paul La Courreye (Cal EPA)	Preliminary Assessment of Braitto Site
8/3/89	2			Minutes of meeting 8/3/89 to discuss status with pretreat program and the leachate discharge to the City.
1/15/88	6	Superior Court of the State	First Nationwide Bank	Declaration for filing & assignment No. 634284-3
10/8/87	6	Michael Flynn	Robert Graham/Howard Lewis	The report on Braitto Dump
6/1/87	70			Closure Plan Implementation, North Canyon-Blake Ct. Area, Solano County Sanitary Landfill, CA. Prepared for Southampton Co. by EMCON Associates. June 1987
5/29/87	56	Jody Sparks. (TAG)	Caroline Rudolph, (DTSC)	Interim Contingency Plan for IT Panoche site - Used as reference for community to aid in commenting.
2/18/87	19	Roger James. (RWQCB)	Southampton Company	Order No. 87-7, Waste Discharge/Closure Requirements for Solano County Sanitary Landfill, North Canyon Blake Court Area. Benicia, CA
11/1/86	1			Small map: Grading plan, Braitto Park, Southampton, Benicia, CA
7/1/86	185			1986 Daily Field Notes - July 1, 1986 to Dec 31, 1986
4/24/86	2	Tom Kilburn (Southampton Co.)	William Turnbull	Braitto dump - not to pollute the receiving waters of the State
4/23/86	4	Keith Howard (Timing & Delap)	Howard Lewis (Southampton Co.)	Regarding visit to RWQCB in Oakland.
1/23/86	3	Allen Wolfenden (DTSC)	Lee Syracuse (City of Benicia)	Response to request that the closed Braitto Landfill be determined a hazardous waste property.
1/1/86	183			1986 Daily Field Notes - Jan 1, 1986 to June 30, 1986
7/1/85	185			1985 Daily Field Notes - July 1, 1985 to Dec 31, 1985
6/28/85	1			California Secretary of State, Limited Partnership Record for Alma Association
5/22/85	130	Brian Flaherty (ENGEO Inc.)	Tom Kilburn Southampton Co.)	Site Closure Report; Blake Ct. Southampton Unit-4 - Attached is a Site Closure Plan Report for the Solano County Sanitary Landfill by Water Resources Engineers Inc. dated May 15, 1979
1/15/85	3	Roger James	Tom Killburn	Closure of the Solano County Landfill. File No. 2129.2031. Regional Board Order No. 79-146
1/1/85	183			1985 Daily Field Notes - Jan 1, 1985 to June 30, 1985
7/1/84	185			1984 Daily Field Notes - July 1, 1984 to Dec 31, 1984
1/1/84	183			1984 Daily Field Notes - Jan 1, 1984 to June 30, 1984
7/1/83	183			1983 Daily Field Notes - July 1, 1983 to Dec 31, 1983
6/3/83	1	ECJ (Schwafel Engineers)	File	Underground utility construction at Southampton Unit B-7
1/1/83	183			1983 Daily Field Notes - Jan 1, 1983 to June 30, 1983
7/1/82	183			1982 Daily Field Notes - July 1, 1982 to Dec 31, 1982
1/7/82	86	T. A. Kilburn (Southampton Co.)	Don Curtis (City of Benicia)	Report on Braitto Park costs to date. Attached are Notice to Bidders from Edward Schwafel Engineer, Inc., regarding site grading and street improvements; memo to T. Kilburn from S.Eliahu 3/26/81; and letter to T. Kilburn from D. Curtis, 3/18/81
1/1/82	181			1982 Daily Field Notes - Jan 1, 1982 to June 30, 1982
7/2/81	39	Shalome Eliahu (ENGEO Inc.)	Tom Kilburn (Southampton Co.)	Subsurface Exploration at Lots 41 through 47, Blake Court, Southampton units 4 & 5, Benicia, CA
6/16/81	44	Robert E. Van Heuit (EMCON)	Tom Kilburn (Southampton Co.)	Testing for methane in small solid waste fill. Report on field and laboratory findings and analysis
6/1/81				Grading maps from Edward P. Schwarfel Engineer, Inc.
4/3/81	100			Southampton Daily Field Report - Burnsides for 4/3/81 to 8/29/81, Benicia, CA
11/18/80	47			Ray Shehan in the U.S. Southampton Co. Francis T. Lagrimas and Amaryllis v. Lagrimas, Plaintiffs.
8/1/80	1			Grading Plan- Exhibit H, Benicia California
8/1/80	1			Grading plan- updated
8/1/80	1			Grading Plan, revised

ADMINISTRATIVE RECORDS LIST
FORMER SOLANO COUNTY SANITARY LANDFILL SITE

5/1/80	33	Edgar T. Nishizawa (Edward Schwafel Eng. INC.)	Interested Bidders	Notice to Bidders: Site grading and street improvements for Southamptton, Units B-4 and B-5, Benicia, Solano County, CA
5/1/80	14			Exhibit "B" Special provisions and contact forms for street & site improvements Southamptton Units B-4, B-5 & adjacent areas & roads, Benicia, Solano County
4/16/80	4			Authorization for Braitto Land Development
10/16/79	13	RWQCB-SFB	Southampton Company	Order No. 79-146, Site Closure Requirements for Solano Closure Requirements for Solano County Sanitary Landfill, Southampton company, Benicia, CA
8/13/79	8			Addendum to the Site Closure Plan Report for the Solano County Sanitary Landfill prepared for Southampton Company by Water Resources Engineers
6/28/79	1	Roger Fry (WRE)	Tom Kilburn (Southampton Co.)	Storm runoff into existing ponds Solano County Sanitary Landfill. No enclosures attached.
5/25/79	3	Zan Henson (Dept. of Justice)	Lee Syrcuse (City of Benicia)	Citizen inquiries and complaints concerning the processing of a tentative subdivision
4/26/79	7	Shalom Eliahu (ENGEO)	Tom Kilburn (Southampton Co.)	Results of geotechnical exploration and analyses
4/2/79	1	Ray Hawksley	Tom Kilburn (Southampton Co.)	Report of analysis - samples taken on 3/28/79
2/2/79	7		Tom Kilburn (Southampton Co.)	Site closure plan for the Braitto dump
10/13/78		D.L. Eubanks	Albert T. Vervais (Dep. Environmental Health)	Braitto Inspection Report
9/22/78	2	William Corrigan (Bagshaw, Martelli...)	Richard Whitsel (RWQCB)	Solano County Sanitary Landfill, No.2129.2031(MHK)DR
9/15/78	1			Division of environmental health complaint form, inspection report.
7/5/78	1	Tom Kilburn (Southampton Company)	Urban Braitto, (Benicia)	Permission to receive & dispose of sludge from the City of Benicia
10/7/77	1			Topographic map of Southampton
7/1/77	10	Transamerica Title Insurance Co.	Howard Lewis (Southampton Co.)	Preliminary report issued for the purpose of facilitating the issuance of policy of title insurances, Southampton Co., Benicia, CA
6/1/77	2			Transcript of Solano County Public Health Inspection Report for the Braitto Landfill Site.
5/1/77	39			Technical Report Evaluation of the Potential Hazardous, Properties of Tannery's Wastes by California Department of Health Vector and Waste Management Unit.
1/1/77	112	Herman D. Ruth & Associates	City of Benicia	Master Environmental Impact Report, Southampton: 1551 Acres
8/26/76	1	Sponsler	Albert T. Vervais (Environmental Health Department)	Solano Sanitary Landfill, inspection report
7/15/76	1	Tom Kilburn (Southampton Co.)	Urban Braitto	Rezoning of property
1/14/76	2			Original landfill maps: (1) Site plan & (2) Topographic map
6/17/75	5	RWQCB-SFB	Urban Braitto	Waste Discharge Requirements, Order No. 75-36. Unsigned copy
3/8/74	7	RWQCB	Urban Braitto	Cleanup and Abatement Order No. 74-1. Attached handwritten inspection report by W.R. Macke dated 3/6/74 and handwritten memo dated 3/6/74 from W.R. Macke to T.C. Wu, Chief Surveillance and Analysis Division
3/8/74	8	RWQCB-SFB	Urban Braitto	Cleanup and Abatement Order No. 74-1. Attached copies of handwritten inspection reports dated 3/6/74
3/8/74	14			CAO 74-1 - Permit to Establish and Operate a Sanitary Landfill
5/25/73	1			Photo of battery storage area taken by Solano Co. Department of Environmental Management.
4/30/69	1	Graham P. Setton	Albert T. Vervais (Environmental Health Department)	Liquid waste hauling to Braitto's Dump
12/16/68	5	John Voegtle (Yoder/Orlob Associates)	Nelson Blenden	Review of application for land use permit by Mr. Urban Braitto and recommendations.
12/3/68	10			Application. Supplement to application for land use permit made by Mr. Braitto.
11/25/68	2	Urban Braitto		Application for Land Use Permit No. R-423

APPENDIX B

Statement of Reasons

**STATEMENT OF REASONS FOR
FORMER SOLANO COUNTY SANITARY LANDFILL
REMEDIAL ACTION PLAN**

Pursuant to California Health and Safety Code (HSC), section 25356.1 (e), the California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC) has prepared this Statement of Reasons as part of the attached Remedial Action Plan (RAP) for the Former Solano County Sanitary Landfill located in the City of Benicia, Solano County, California. The Site consists of the North Canyon Operable Unit (NCOU) and the Study Area Operable Unit (SAOU). A sanitary landfill (the former Solano County Sanitary Landfill, also known as the Braitto Landfill) operated in a portion of the area allocated for waste management by Solano County.

The RAP presents a summary of the Remedial Investigation (RI) and Preliminary Endangerment Assessment (PEA) findings regarding chemicals of interest that have been detected in soil, soil gas, leachate, and groundwater at the Site. Chemicals of interest include primarily metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), furans, dioxins, methane, and hydrogen sulfide. The RAP summarizes the results of baseline risk evaluations performed to assess the potential risks to public health and the environment associated with the chemicals of interest at the Site. The RAP also describes the remedial alternatives that were evaluated in the Feasibility Study and Public Health Evaluation of Remedial Alternatives (FS/PHERA). The RAP recommends remedial alternatives that will meet the objectives of protecting public health and the environment. The RAP proposes remediation of soil in two portions of the Site, the Black Material Area and the Blake Court Area, using a combination of technologies, including treatment, offsite disposal, and monitoring. Additional remedial measures, besides environmental monitoring, are not proposed for other Site areas, based on the findings of the RI, PEA, FS/PHERA and related risk assessments.

The DTSC believes that the attached RAP complies with the law as specified in California Health and Safety Code (HSC), section 25356.1. HSC section 25356.1 (e) requires that the RAP "shall include a statement of reasons setting forth the basis for the removal and remedial actions selected". The statement of reasons "shall also include an evaluation of the consistency of the removal and remedial actions proposed by the plan with applicable state and federal regulations". HSC section 25356.1 (d) specifies six factors against which the remedial alternatives in the RAP must be evaluated. The proposed remedial action is consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (the National Contingency Plan, "NCP"), the federal Superfund regulations. The attached RAP has addressed all these factors in detail. A summary of each factor follows. The statement of reasons also includes the preliminary Nonbinding Allocation of Responsibility (NBAR) as required by HSC section 25356.1 (e).

1. Health and Safety Risks - Section 25356.1 (d) (1)

The chemicals of interest identified for this site include primarily VOCs, SVOCs, TPH, metals, furans, dioxins, methane and hydrogen sulfide. The risk evaluation considered potential exposures for future residential and recreational use scenarios using conservative assumptions, including Reasonable Maximum Exposures for NCOU subarcas, and maximum detected concentrations for the SAOU. Proposed remediation goals for soil and groundwater have been identified for chemicals that contributed significantly to potential health risks at the Site.

2. Beneficial Uses of the Site Resources - Section 25356.1 (d) (2)

Portions of the Site are currently developed as a residential area. The primary natural resources at the Site are grasslands on the hills surrounding the developed area along Rose Drive. Current land use is affected only in the Black Material Area and Blake Court Area by the presence of buried wastes. The effects on future land use of the Black Material Area will be addressed by implementation of the RAP.

3. Effect of the Remedial Actions on Groundwater Resources - Section 25356.1 (d) (3)

Limited groundwater is present at the Site. Shallow water bearing sediments do not yield water in significant enough quantities to constitute an aquifer. Consistent with the above observations, there is no history of significant groundwater use or supply at the Site. The only existing beneficial use of groundwater at the Site is recharge to an unnamed creek that discharges into Southampton Marsh. The results of sampling to date indicate that groundwater at the Site has not been significantly affected by historic activities. The proposed remedial actions will not have any significant impacts on the limited groundwater resources at the Site.

4. Site-Specific Characteristics - Section 25356.1 (d) (4)

Soil and groundwater beneath the Site have been adequately characterized to implement the proposed remedial actions. Chemicals of interest have been identified above remedial goals in soil samples from the Black Material Area and the Blake Court Area. Soil sampling results for other portions of the Site, including the Creek Bed/Hydrocarbon Area, the Tank Area, the Hillside Area and SAOU do not exceed remedial goals. Groundwater sampling results for the Site are also below the proposed remedial goals, with the exception of NCOU sampling results for antimony, which slightly exceeded its respective goal. However, the maximum antimony concentration detected in NCOU groundwater samples was less than that for background groundwater samples.

5. Cost-Effectiveness of Alternative Remedial Action Measures - Section 25356.1 (d) (5)

Black Material Area: Alternative A-6 is the recommended remedial action and is considered to be cost-effective. With this alternative, the Black Material would be treated in place to reduce potential odors and soil-gas emissions, and to improve handling characteristics. The treatment process would involve mixing Portland cement and other

components with the Black Material using large-diameter mixing augers. Potential emissions generated during the mixing process would be collected within a hood placed over the soil-mixing auger as it is rotated. The soil gas would be treated to meet applicable discharge requirements using a thermal oxidation unit and other emission control devices. After the Black Material is stabilized, it would be excavated and transported to an approved off-site disposal facility. Afterward, the excavation area would be backfilled and restored to its original surface elevation.

Blake Court Area: Alternative B-5 is the preferred alternative and is considered to be cost-effective. For Alternative B-5, refuse and fill with fragments of refuse would be removed from a portion of Parcel C-1 and all of Blake Court. After excavation, this material would be transported to an approved facility for disposal. The resulting excavation areas would be backfilled with clean fill.

Creek Bed/Hydrocarbon Area: Alternative C-2, no remedial action with monitoring, is the preferred alternative. This alternative meets all of the evaluation criteria and is most cost effective of the alternatives considered. With Alternative C-2, should future monitoring data indicate increased concentrations in groundwater that pose a potential risk to health or the environment, then remedial alternatives will be considered for this portion of the NCOU.

Tank Area: Alternative D-3, no remedial action with monitoring, is the preferred alternative for the Tank Area. This alternative meets all of the evaluation criteria and is most cost effective of the alternatives considered. With Alternative D-3, should future monitoring data indicate increased concentrations in groundwater that pose a potential risk to health or the environment, then remedial alternatives will be considered for this portion of the NCOU.

Study Area Operable Unit: The PEA results showed that waste management practices have not resulted in a release or threatened release of hazardous substances that pose a threat to public health or the environment. Therefore, remedial activities are not proposed for this portion of the Site, except to install an additional well at one location where an elevated methane concentration was detected, and to further assess the location of a reported former underground fuel tank. These actions are considered to be cost-effective measures for the Study Area Operable Unit.

6. Potential Environmental Impacts of Remedial Actions - Section 25356.1 (d) (6)

All potential impacts will be mitigated under the proposed remedial alternatives. The proposed remedial alternatives are anticipated to result in short-term impacts, associated with the treatment and removal activities in the Black Material Area and removal in Blake Court. The City of Benicia has retained a consultant to prepare an environmental impact report (EIR) to evaluate this proposed activity and other remedial components, pursuant to the California Environmental Quality Act (CEQA). The CEQA EIR will be distributed under separate cover for a 45-day public comment period. The proposed assessment activities for the SAOU are not expected to cause any significant environmental impacts.

7. Preliminary Nonbinding Allocation of Financial Responsibility - Section 25356.1 (e)

The RAP must include a “nonbinding preliminary allocation of responsibility (NBAR) among all identifiable potentially responsible parties at a particular site, including those parties which may have been released, or may otherwise be immune, from liability...” (HSC section 25356.1 (e)). The proposed NBAR for the Former Solano County Sanitary Landfill Site, as issued by the DTSC, is presented on the next page.

Department of Toxic Substances Control



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Governor

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Agency Secretary
California Environmental
Protection Agency

PRELIMINARY NONBINDING ALLOCATION OF RESPONSIBILITY

Health and Safety Code (HSC) section 25356.1(e) requires the Department of Toxic Substances Control (DTSC) to prepare a preliminary nonbinding allocation of responsibility (NBAR) among all identifiable potentially responsible parties (PRPs). HSC section 25356.3(a) allows PRPs with an aggregate allocation in excess of 50 percent to convene an arbitration proceeding by submitting to binding arbitration before an arbitration panel. If PRPs with over 50 percent of the allocation convene arbitration, then any other PRP wishing to do so may also submit to binding arbitration.

The sole purpose of the NBAR is to establish which PRPs will have an aggregate allocation in excess of 50 percent and can therefore convene arbitration if they so choose. The NBAR, which is based on evidence available to DTSC, is not binding on anyone, including PRPs, DTSC, or the arbitration panel. If a panel is convened, its proceedings are de novo and do not constitute a review of the provisional allocation. The arbitration panel's allocation will be based on the panel's application of the criteria spelled out in HSC section 25356.3(c) to the evidence produced at the arbitration hearing. Once arbitration is convened, or waived, the NBAR has no further effect, in arbitration, litigation, or any other proceeding, except that both the NBAR and the arbitration panel's allocation are admissible in a court of law, pursuant to HSC section 25356.7 for the sole purpose of showing the good faith of the parties who have discharged the arbitration panel's decision.

DTSC sets forth the following preliminary nonbinding allocation of responsibility for the former Solano County Sanitary Landfill site (also known as the Braitto Landfill, or the Southampton/Blake Court site):

Granite Management Corporation is allocated 50 percent responsibility, and Alma Associates is allocated 50 percent responsibility.

APPENDIX C

RESPONSIVENESS SUMMARY



Department of Toxic Substances Control



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Edwin F. Lowry, Director
400 P Street, 4th Floor, P.O. Box 806
Sacramento, California 95812-0806

Gray Davis
Governor

June 25, 2001

TO COMMENTERS ON THE ATTACHED MAILING LIST

The Department of Toxic Substances Control (DTSC) approved the Final Remedial Action Plan (RAP) for the Former Solano County Sanitary Landfill Site on June 25, 2001. DTSC has prepared the attached responsiveness Summary to address comments received during the public comment period. DTSC is sending copies of the Responsiveness Summary to all persons who provided comments during the comment period.

Thank you for your comments. If you have any questions, please contact Darrell Nations at (916) 255-6547.

Sincerely,

Allen Wolfenden, Chief
Stringfellow Branch
DTSC

Enclosure

RESPONSIVENESS SUMMARY

Comments Received on the
Draft Remedial Action Plan
for the Former Solano County Sanitary Landfill
Benicia, California
June 2001

I. Introduction

This document is the Department of Toxic Substances Control's (DTSC's) response to comments received on the draft Remedial Action Plan (draft RAP) for the Former Solano County Sanitary Landfill, in Benicia, California (the "Site"). These comments were received at a public meeting held on December 7, 2000, and during a 30-day public comment period, which ran from November 14, 2000 through December 15, 2000.

The Site is generally located along a portion of Rose Drive (see Attachment A for Site map). Portions of the Site were operated from 1955 to 1978 as a sanitary landfill, which received municipal refuse from the City of Benicia and the surrounding communities. The landfill was closed in 1979 under Regional Water Quality Control Board Orders 79-146 and 87-7. Pursuant to a plan approved by the City of Benicia, portions of the Site were developed for single-family residences. The Site consists of the North Canyon Operable Unit (NCOU) and the Study Area Operable Unit (SAOU).

The public meeting was held at the Benicia Public Library, located at 150 East L. Street, in Benicia. The purpose of the public meeting was to provide information and to receive public comments on the draft RAP. Notices of the comment period were placed in the information repository located at the Benicia Public Library and the Benicia City Hall. The public notice was published in the Benicia Herald newspaper on November 15, 2000. Fact sheets discussing the draft RAP were mailed to approximately 250 persons on November 15, 2000. Recipients included local residents, members of the Community Advisory Group, and other interested parties included on the approved project mail list. The Fact Sheet and public notice for the Draft RAP are included as Attachment B of this document.

Comments received during the meeting are contained in the public meeting transcript, included in Attachment C. Copies of the written comments received are included in Attachment D.

Responsiveness Summary

June 25, 2001

Page 2

The draft RAP proposed remediation of soil in two portions of the Site, the Black Material Area and the Blake Court Area, including a portion of Parcel C-1, using a combination of technologies, including treatment, offsite disposal, and monitoring. Additional remedial measures, besides environmental monitoring, were not proposed for other Site areas, based on the findings of the remedial investigations, preliminary endangerment assessment, and risk assessments completed for the Site.

The final RAP proposes the same activities that were described in the draft RAP, following DTSC's review of all comments received on the draft RAP.

The verbal and written comments received during the meeting and comment period have been compiled and are presented in Section II below, together with DTSC's responses.

A copy of the Final RAP and other site-related documents are available for review at:

Department of Toxic Substances
Control
Darrell Nations
8800 Cal Center Drive
Sacramento, California 95826-3200
(916) 255-3545

Benicia Public Library
150 East L. Street
Benicia, California 94510
(707) 746-4351
Contact: Reference Desk

Hours by appointment on:
Monday - Friday, 8 a.m. to 5 p.m.
(excluding State holidays)

Hours:
Mon and Tues, 12 p.m. to 9 p.m.
Wed, 10 a.m. to 9 p.m.
Thurs and Sat, 10 a.m. to 5 p.m.
Sunday, 1 p.m. to 5 p.m. (mid-Sept
through mid-June)

II. Comments and Responses

This section provides the oral and written comments received during the public comment period, followed by DTSC's responses.

Comment 1 (oral comment by Mr. Gary Nance):

"My name is Gary Nance. I live at 872 Rose Drive, which was otherwise identified as Lot 52, immediately adjacent to the Black Material Area. The Alternatives A-6 and B-5, the preferred alternatives, are what I have been asking for for the past nine years. My wife and I will probably be the people most affected by the activity in the area. And we're willing to put up with it and feel that it is the best alternative to restore the neighborhood to the condition what we hoped for when we bought the home. Thank you."

Responsiveness Summary

June 25, 2001

Page 3

Response 1:

DTSC appreciates your input to the selection of remedial alternatives. We are working closely with Granite to assure that the selected alternatives will be implemented in a manner that limits construction impacts to the community, and appropriately restores the Site area.

Comment 2 (oral comment by Mr. Richard Lubin):

"My name is Richard Lubin. I live at 867 Channing Circle. I would like to commend Paul [Ruffin] on one of the finest presentations I've heard by this group in a long, long time. It was very well done, well documented, clear and concise. I concur with the earlier speaker. The choice of preferred treatment is what this community has asked for for a long, long time, and you're to be commended for that. What can get in the way?"

Response 2:

DTSC considered comments that members of the community provided throughout the remedial investigation/feasibility study process for the Site. Community acceptance is one of the factors that DTSC considers in evaluating remedial alternatives and selecting a preferred alternative. The RAP is consistent with your comments. Following issuance of the Final RAP and Final Environmental Impact Report, DTSC expects the recommended remedial alternative to be implemented this year. Granite has indicated its commitment to implement the preferred alternative as quickly as possible.

Comment 3 (written comments from Heather McLaughlin, City of Benicia Attorney/Project Manager, excerpted from letter dated December 15, 2000):

On behalf of the City of Benicia, I have reviewed the draft Remedial Action Plan ("RAP") for the Former Solano County Sanitary Landfill (also known as the "Braitto Landfill Site, Benicia California. We are pleased that this project is proceeding. As you are well aware, we have been working on the Braitto Landfill site for some time. The issuance of the RAP is a major step in resolving this matter.

The preferred cleanup alternatives identified in the RAP are in concert with the cleanup proposals identified by the Benicia City Council in 1997. A copy of that resolution is included for your information. In 1997, the City requested longer monitoring periods for the Creek Bed/Hydrocarbon Area.

However, the five year monitoring proposed by the preferred alternative C-2 appears to be acceptable based upon the discussion in the RAP about the low level of hydrocarbons, the impacts of the hydrocarbons degrading over time, and the lack of exposure pathways. Similarly, for the Tank Area, the City requested ongoing monitoring. The preferred alternative, Alternative D-3, provides the City with protection should any changes be detected during the monitoring of the Area in the next five years.

We look forward to working with you on the draft Environmental Impact Report ("EIR") for this project. We hope that the draft EIR for agency review will be issued by the end of this year at the latest. After the agency comment period, the draft EIR will be issued for public review. We commend you on the completion of the RAP and thank you for the opportunity to comment.

Response to Comment 3:

DTSC considered the City's 1997 resolution in working with Granite to prepare the draft RAP. The Final RAP is consistent with the City's comments on the draft RAP. Details of the Site monitoring program will be developed in consultation with the Regional Water Quality Control Board and the City of Benicia.

Comment 4 (written comment from Peter Baker, co-chair of Braitto Community Advisory Group, via e-mail to Paul Ruffin, dated February 26, 2001):

"Paul as you are aware, there has been some a change (*sic*) in the leadership of the Braitto CAG. One fallout of the change was our ability to produce minutes to our meetings. Since the December minutes were not recorded or published, I will not be able to provide you with a copy. Instead let this message serve as your official notification that at that meeting, a motion was made, seconded and passed supporting the preferred alternatives A-6 and B-5 in the Draft Remedial Action Plan for the clean-up of the Braitto Landfill. If you require any additional information please let me know."

Response to Comment 4:

DTSC appreciates your comments on the Draft RAP, and the Braitto Community Advisory Group's input throughout the RAP process.

ATTACHMENT A

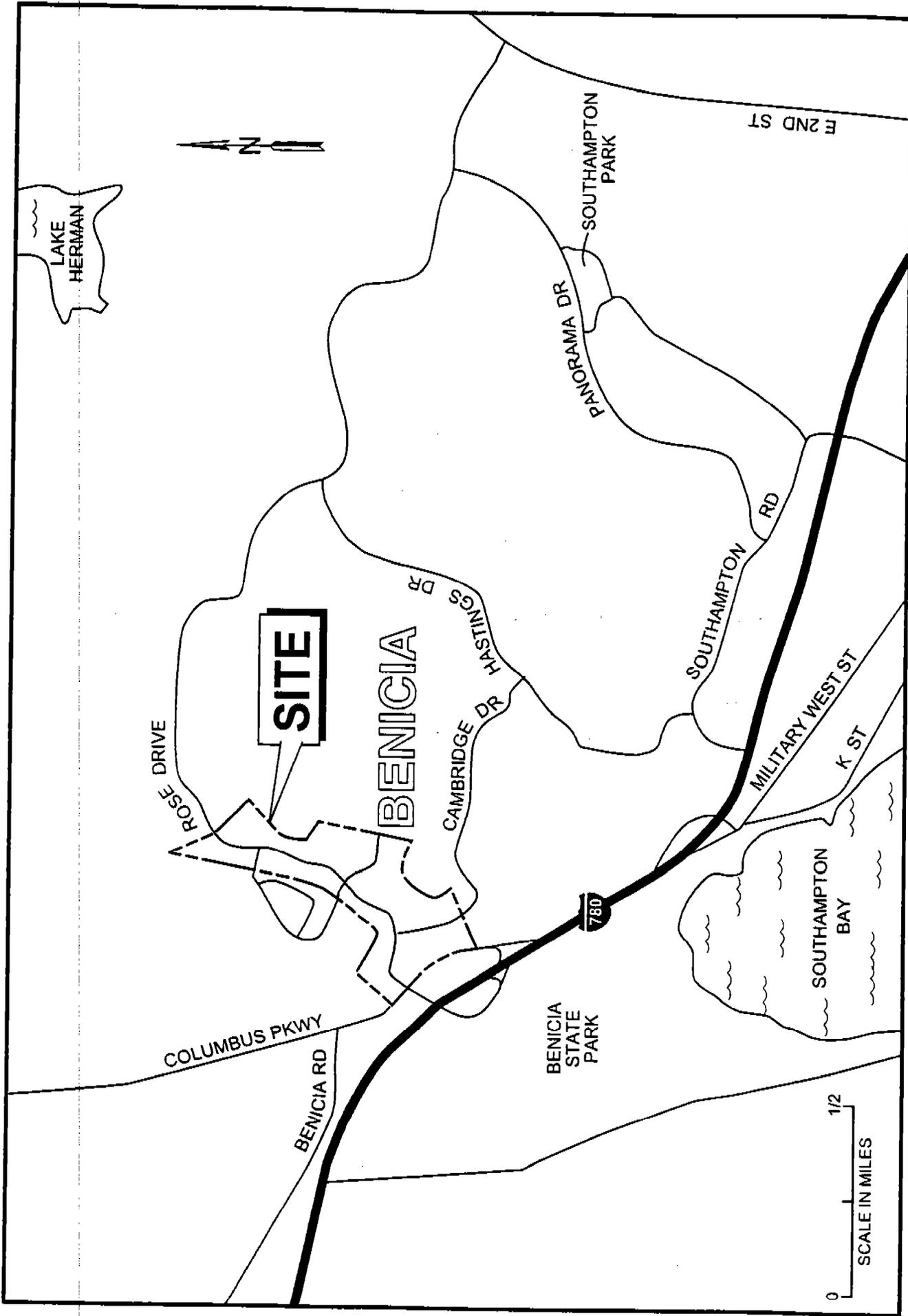


Figure 1
SITE LOCATION

October 2000 • Proj. No. 1056.01

ATTACHMENT B

FACT SHEET
DECEMBER
2000

FORMER SOLANO COUNTY SANITARY LANDFILL



**CALIFORNIA
ENVIRONMENTAL
PROTECTION
AGENCY**



**DEPARTMENT OF TOXIC
SUBSTANCES CONTROL**

***It is DTSC's mission
to protect public
health and the
environment from
harmful exposure
to hazardous
substances.***

Introduction

The California Environmental Protection Agency — Department of Toxic Substances Control (DTSC) is providing this fact sheet to invite public comment on the Draft Remedial Action Plan (Draft RAP) for the Former Solano County Sanitary Landfill in Benicia, California.

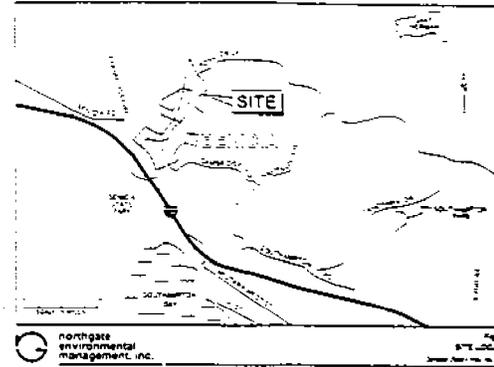
The RAP has been prepared for the DTSC by Granite Management Corporation, for the cleanup of portions of the former Solano County Sanitary Landfill (the "Site") (Figure #1). The RAP is based on and summarizes the environmental investigations and studies overseen by the DTSC. The RAP describes the remedial alternatives that were evaluated, identifies the preferred remedial alternatives for specific sub-areas of the Site, and explains the reasons for selecting the preferred alternatives.

The Site is divided in two parts, the North Canyon Operable Unit (NCOU) and the Study Area Operable Unit (SAOU). The RAP recommends response actions that will meet the objectives of protecting public health and the environment. The response actions are remediation of soil in two sub-areas of the NCOU using a combination of technologies, including treatment, off-site disposal, and monitoring. Based on the environmental investigation findings, the RAP also specifies certain additional environmental monitoring for other areas of the Site.

Site Description and History

The Site is located in Benicia, California, principally along a three-block portion of Rose Drive. Historically, the former Solano County Sanitary Landfill, also known as the Braito Landfill, operated in a portion of the area allocated for waste management by Solano County. The NCOU consists of the following subareas: the Black Material Area, Blake Court Area, Creek Bed/Hydrocarbon Area, Tires and Hides Area, Tank Area, and Hillside Area. The SAOU includes all lands allocated for landfill use other than the NCOU and the East Canyon Waste Management Unit (Figure #2).

Portions of the Site were operated from 1955 to 1978 as a sanitary landfill, which received municipal refuse from Benicia and surrounding communities. The landfill closed in 1979 under the Regional Water Quality Control Board (RWQCB). Pursuant to a plan approved by the City of Benicia, portions of the Site were developed for single-family residences. In the period from 1980 to 1981, approximately 30,000 cubic yards (cy) of material were removed from the North Canyon and disposed in the East Canyon.



Community Input Welcome and Public Meeting

DTSC welcomes any input regarding the Draft RAP. Please feel free to send written comments to the address below by mail, by fax or e-mail, or you may provide oral comments by contacting the DTSC representative listed below. All comments will be carefully considered by DTSC. DTSC plans to complete the Final RAP during the next few months. Comments must be received by December 15, 2000.

Paul Ruffin
P.O. Box 806
Sacramento, CA 95812-0806

DTSC will conduct a public meeting at the Benicia Public Library on December 7, 2000 as follows. Representatives from the DTSC staff will be available to discuss the findings of the Draft RAP, answer your questions and receive comments.

Benicia Public Library
Dona Benicia Room
7:00-9:00 PM
150 East L Street

Approximately 23,500 cy of landfill material were left in place beneath the Blake Court Area, which was covered with a compacted low permeability fill. In 1987 the Blake Court Landfill was officially closed under the RWQCB.

Remedial Investigation

Remedial investigations were performed in the NCOU between 1991 and 1996. The Remedial Investigation Report documents the results of activities undertaken to characterize chemicals in soil, groundwater, surface water, leachate, subdrain water, and soil gas. Additionally, field evaluations were performed to identify areas of potential ground subsidence, and to evaluate the stability of slopes in the Blake Court Area. Geophysical surveys, test trenches, and soil sampling were performed in the Hillside Area to evaluate the occurrence of metal as discussed in the Hillside Area Report. These activities have adequately characterized the types, extent and distribution of chemicals in soil, soil gas, and groundwater within the NCOU. The DTSC approved the RI Report and the Hillside Area Report in April 1997 and May 1999 respectively.

A Preliminary Endangerment Assessment (PEA) was completed in the SAOU to evaluate whether past waste management practices have resulted in a release of hazardous substances that pose a threat to public health or the environment. DTSC approved the PEA in March 1999. The results of the PEA showed that waste management practices did not result in a release or threatened release of hazardous substances that pose a threat to public health or the environment. Activities proposed for this portion of the Site are to install a well at one location and to further assess the location of a reported former underground fuel tank.

The Baseline Health Risk Assessment (BHRA), which was approved by DTSC in May 1997, evaluated the potential human health effects of the identified chemicals of interest at the site. The BHRA concluded there is no significant health risk to people living in the area from identified substances.

Remedial Alternatives

In accordance with the National Contingency Plan, the California Health and Safety Code, and the U.S. EPA's RI/FS Guidance Document, general response actions, remedial technologies, and specific process options were identified and screened for applicability at the Site. Options that were found to be feasible and implementable were used to develop remedial alternatives for the following subareas: Blake Court Area, Black Material Area, Creek Bed/Hydrocarbon Area, and Tank Area.

Alternatives have not been developed for the Tires and Hides Area, Hillside Area, and SAOU because no further remedial actions are needed in these

portions of the Site. These areas have either been remediated (Tires and Hides Area) or no significant human health or ecological risks have been identified.

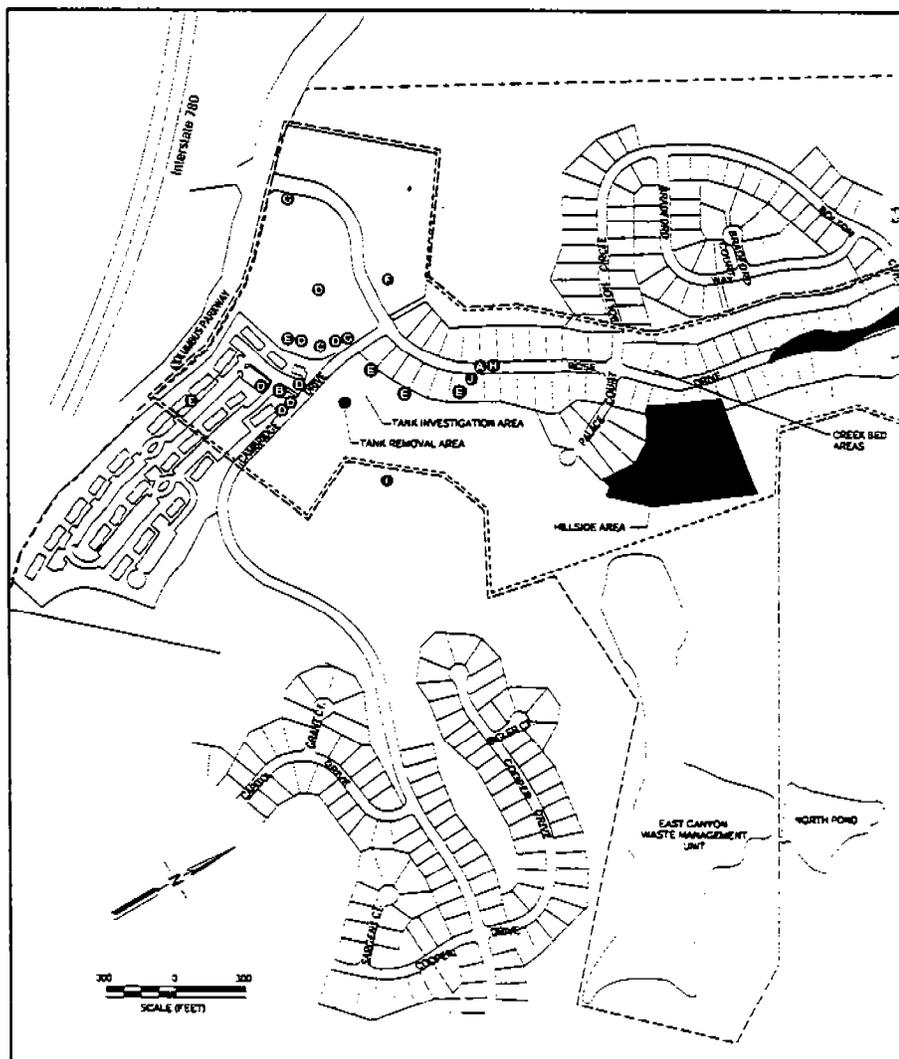
The nine criteria used to evaluate the remedial alternatives are: the Overall Protection of Health and the Environment; Compliance with Applicable or Relevant and Appropriate Requirements; Long-Term Effectiveness and Permanence; Short-Term Effectiveness; Reduction of Toxicity, Mobility, or Volume; Implementability; Cost; Regulatory Acceptance; and Community Acceptance.

Draft Remedial Action Plan

The DTSC invites public comment on the proposed method of cleanup for the Former Solano County Sanitary Landfill. The Draft RAP addresses the following subareas and describes the preferred alternative for each.

Blake Court Area

This area primarily involves seven undeveloped lots located off Rose Drive at Blake Court (Figure#2). Alternative B-5 is the pre-



ferred alternative for the Blake Court Area, and satisfies the evaluation criteria. For Alternative B-5, refuse and fill with fragments of refuse would be removed from a portion of Parcel C-1 and all of Blake Court. The approximate limits of Blake Court Refuse and fill with fragments of refuse are shown in Figure #2. After excavation, this material would be transported to an approved facility for disposal. The resulting excavation areas would be backfilled with clean fill.

Black Material Area

This area primarily involves four lots at the intersection of Blake Court and Rose Drive (Figure #2). Alternative A-6 is the preferred alternative for the Black Material Area, and satisfies the evaluation criteria. With this alternative, the Black Material would be treated in place to reduce potential odors and soil-gas emissions, and to improve handling characteristics. The approximate limits of Black Material treatment are shown in Figure #2. This alternative would involve initial extraction and treatment of soil gas followed by mixing Portland cement and other components with the Black Material using large-diameter mixing augers. Potential emissions generated during the mixing process would be collected within a

hood placed over the soil-mixing auger as it is rotated. The soil gas would be treated to meet applicable discharge requirements using a thermal oxidation unit and other emission control devices. After the Black Material is stabilized, it would be excavated and transported to an approved off-site disposal facility. Afterwards, the excavation area would be backfilled and restored to its original surface elevation.

Creek Bed/Hydrocarbon Area (See Figure #2)

A total of five alternatives were screened and evaluated for the Creek Bed/Hydrocarbon Area. Alternative C-2 is the preferred alternative for the Creek Bed/Hydrocarbon Area. It consists of monitoring soil gas and groundwater in the vicinity of the Creek Bed/Hydrocarbon Area for five years. No removal activities are included in Alternative C-2. Should future monitoring data indicate increased concentrations in groundwater which pose a potential risk to health or the environment, then remedial alternatives would be considered for this portion of the Site. This alternative meets all of the evaluation criteria and is most cost effective of the alternatives considered.

Tank Area (See Figure #2)

A total of five alternatives were screened and evaluated for the Tank Area. Alternative D-3 is the preferred alternative for the Tank Area. It includes continued monitoring of groundwater in the Tank Area for five years. No removal activities are included in Alternative D-3. This alternative meets all of the evaluation criteria. With Alternative D-3, should future monitoring data indicate increased concentrations in groundwater which pose a potential risk to health or the environment, then remedial alternatives will be considered for this portion of the NCOU.

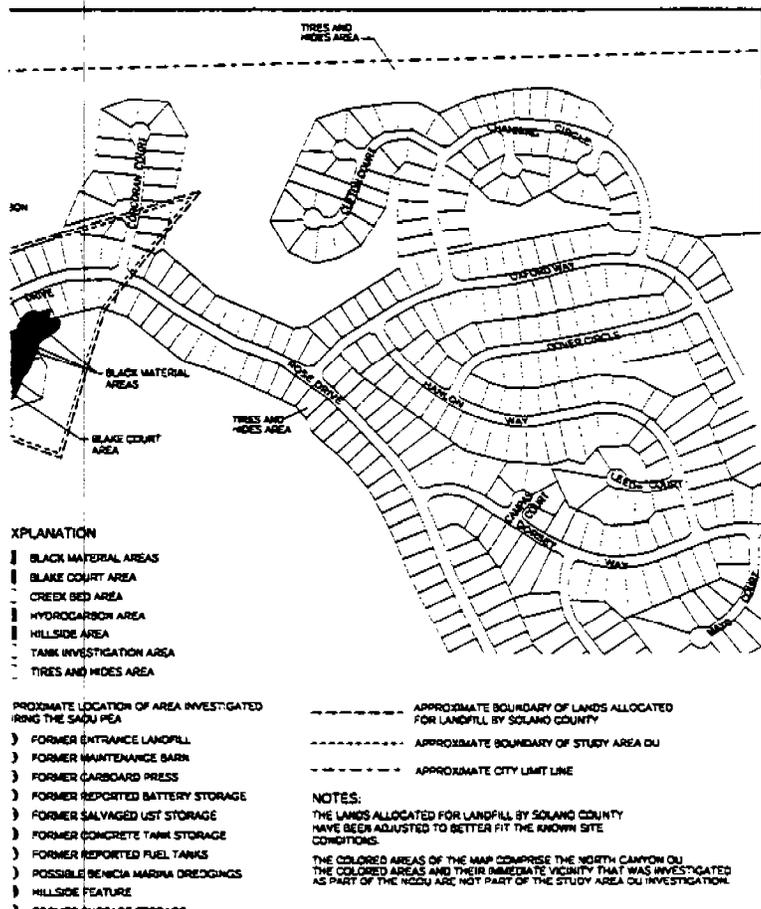


Figure 2
SITE PLAN

SOURCE:
 Feasibility Study and Public Health
 Evaluation of Remedial Alternatives
 (Vine-Franks-Record and
 ChemRisk, 1997)

 northgate
 environmental
 management, inc.

October 2000
 Proj. No. 1058.01

Project Schedule

It is anticipated that the RAP will be finalized March 2001 following the certification of the Environmental Impact Report (EIR). Cleanup activities are scheduled to begin in 2001 following the approval of the Remedial Design Document (RDD). Remedial activities are expected to be completed by 2002.

California Environmental Quality Act

In accordance with the California Environmental Quality Act (CEQA), an EIR is being prepared to evaluate the potential impacts that may be caused by the implementation of the RAP. The lead agency for the EIR is the City of Benicia. Under CEQA, a public meeting will be held and a 45-day public comment period will commence once the Draft EIR is made available to the public.

Information Repositories

The Draft RAP, along with other project documents are available for public review and copying at the following locations:

Benicia Public Library

150 East L Street
 Benicia, CA 94510
 (707) 741-4343

Department of Toxic Substances Control

301 Capitol Mall, Third Floor
 Sacramento, CA 95812-0806
 (916) 323-3369



PUBLIC NOTICE

NOTICE OF PUBLIC COMMENT PERIOD AND PUBLIC MEETING FOR THE FORMER SOLANO COUNTY SANITARY LANDFILL AKA: BRAITO LANDFILL SITE

The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), invites public comment on the Draft Remedial Action Plan (Draft RAP) for the Former Solano County Sanitary Landfill (also known as the "Braitto Landfill Site"). Northgate Environmental Management, Inc. on behalf of Granite Management Corporation has prepared the Draft RAP which summarizes site investigations, risk assessments, and evaluations of possible remedial alternatives for the North Canyon Operable Unit and Study Area Operable Unit of the former Solano County Sanitary Landfill. The Draft RAP identifies the preferred cleanup options for the Site.

Solano County Sanitary Landfill Site: The former Solano County Sanitary Landfill Site ("Braitto Landfill Site") was owned and operated by Urban Braitto from 1957 to 1978 as a state-authorized waste disposal facility. The landfill site received municipal refuse, industrial waste (tannery) and other materials from Benicia and the surrounding communities. The landfill was closed in 1979 under Regional Water Quality Control Board (RWQCB) Orders 79-146. Single-family residences were developed on portions of the Site along Rose Drive, between Cambridge Drive and Corcoran Court.

Draft Remedial Action Plan: The objective of the Draft RAP is to identify and describe remedial (cleanup) alternatives for the Site and to identify the preferred alternatives in accordance with State and Federal criteria. The Draft RAP builds on and supplements the prior evaluation of remedial alternatives conducted in the 1997 Feasibility Study (1997 FS), and the remedial investigations conducted since 1991. The preferred cleanup options identified in the Draft RAP are: in-place treatment and off-site disposal of the Black Material; removal and disposal of refuse and fill with fragments of refuse from a portion of parcel C-1 and all of Blake Court; and environmental monitoring in the Creek Bed/ Hydrocarbon Area and Tank Area. In addition, activities are proposed for the Study Area Operable Unit to further investigate a former underground fuel tank and to install a soil gas monitoring well.

Community Input Welcome: DTSC welcomes any input regarding the Draft RAP. Please feel free to send written comments to the address below by mail, by fax or e-mail, or you may provide oral comments by contacting one of the DTSC representatives listed below. All comments will be carefully considered by DTSC. DTSC plans to complete the Final RAP during the next few months. Comments must be received by December 15, 2000.

Public Meeting: DTSC will conduct a public meeting at the Benicia Public Library, Dona Benicia Room from 7-9pm on December 7, 2000. Representatives from the DTSC staff will be available to discuss the findings of the Draft RAP, answer your questions and receive comments.

Information Repositories: The Draft RAP, along with other project documents are available for public review and copying at the following location:

Benicia Public Library
150 East L Street
Benicia, CA 94510
(707) 741-4343

Department of Toxic Substances Control
301 Capitol Mall, Third Floor
Sacramento, CA 95812-0806
(916) 323-3369

For More Information: DTSC staff are available to answer questions and discuss the Draft Remedial Action Plan. Please contact:

Paul Ruffin (HQ-27)
DTSC's Site Mitigation Project Manager
301 Capitol Mall, 3rd Floor, Mail: P.O. Box 806
Sacramento, California 95812-0806
(916) 323-3369 (voice)
(916) 324-3107 (fax)
pruffin@dtsc.ca.gov

Roman Racca (HQ-15)
DTSC's Public Participation Specialist
301 Capitol Mall, 4th Floor, Mail: P.O. Box 806
Sacramento, California 95812-0806
(916) 445-9543
(916) 327-0978 (fax)
rracca@dtsc.ca.gov

Notice to the Hearing Impaired

You can obtain additional information by using the California State Relay Service at 1-888-877-5378 (TDD). Ask them to contact Roman Racca at (916-445-9543) regarding the former Solano County Sanitary Landfill.

ATTACHMENT C

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FORMER SOLANO COUNTY SANITARY LANDFILL SITE

DRAFT REMEDIAL ACTION PLAN

PUBLIC MEETING

TRANSCRIPT OF PROCEEDINGS

BENICIA, CALIFORNIA

PUBLIC LIBRARY

DECEMBER 7, 2000

7:00 P.M.

REPORTED BY: SHARON LANCASTER, CSR #5468

LANCASTER REPORTING SERVICES
1300 Southampton Road, Suite 214
Benicia, California 94510
(707) 747-9125

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A P P E A R A N C E S

ROMAN RACCA DTSC, PR Specialist
PAUL RUFFIN DTSC, Project Manager
TED SPLITTER NEM, Project Manager
ALAN LEAVITT NEM, Project Engineer
JASON KEADJIAN GRANITE, Public Affairs

HELD AT: Benicia Public Library

DRAFT RAP SOLANO COUNTY LANDFILL 12/7/00

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PRESENTATION BY:

PAGE

Roman Racca

4

Paul Ruffin

6

STATEMENTS FROM THE PUBLIC:

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Gary Nance

23

Richard Lubin

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DRAFT RAP SOLANO COUNTY LANDFILL 12/7/00

3

DRAFT RAP SOLANO COUNTY LANDFILL 12/7/00

1 THURSDAY, DECEMBER 7, 2000

7:10 P.M.

2

3

PRESENTATION BY ROMAN RACCA

4

5 MR. RACCA: I'd like to call the meeting to
6 order. I want to welcome everyone here tonight. We are
7 here for the Draft Remedial Action Plan for the former
8 Solano County Sanitary Landfill Site.

9 What I'd like to also let you know is that this
10 meeting is being recorded and videotaped. We also have
11 a court transcriber here, so your public comments will
12 also be noted in the transcript of this meeting.

13 First of all, before I move on to the rest of
14 the agenda, what I'd like to do is start off with
15 introducing you to the proponents and also to members of
16 the Department of Toxic Substances Control.

17 I'll start off. I'm Roman Racca. I'm a public
18 participation specialist with the Department of Toxic
19 Substances Control out of Sacramento.

20 And Mr. Ruffin?

21 MR. RUFFIN: I'm Paul Ruffin. I'm with the
22 DTSC. I'm a hazardous substances engineer, and I'm the
23 project manager for this project.

24 MR. WOLFENDEN: I'm Allen Wolfenden. I'm the
25 branch chief of DTSC.

1 MR. SPLITTER: I'm Ted Splitter. I'm with
2 Northgate Environmental, and I'm the project coordinator
3 for Granite.

4 MR. LEAVITT: I'm Alan Leavitt, an engineer
5 with Northgate Environmental Management and project
6 engineer for this project.

7 MR. KEADJIAN: I'm Jason Keadjian, and I'm the
8 public affairs officer for Granite Management.

9 MR. RACCA: Also, I'd like to let you know that
10 we do have a number of handouts here on the table. If
11 you didn't get a chance to sign the sign-in sheet, if
12 you could please sign the sign-in sheet. The sign-in
13 sheet is part of the public record. However, we use the
14 sign-in sheets for our mailing list. If you were not
15 included on the mailing list, that is how we get in
16 touch with you also, so you can receive the same
17 information.

18 Also, on the same table we have a form for
19 the -- it's an evaluation form on the back side of the
20 sheet. And also on the front side of the sheet, we have
21 a comment and/or address form. So, if you don't want to
22 make public comment tonight, you don't want to make an
23 oral comment, you can fill out the form and also mail
24 that in.

25 The objective of the public meeting tonight is,

DRAFT RAP SOLANO COUNTY LANDFILL 12/7/00

5

1 first of all, we would like to provide information about
2 the Draft Remedial Action Plan. Also, the objective is
3 to provide an opportunity for the public involvement and
4 the Department of Toxic Substances Control in our
5 decision on the site cleanup.

6 With that, I'd like to bring up Paul Ruffin.

7

8 PRESENTATION BY PAUL RUFFIN

9

10 MR. RUFFIN: I'm going to give a brief
11 description of the Draft Remedial Action Plan. This is
12 a copy of the report itself. And there are copies that
13 are available in the Benicia Public Library here.

14 The purpose of the Draft Remedial Action Plan
15 is to summarize the investigation activities that are
16 taking place at the site and mainly to present
17 alternatives for cleanup of the site, remedial
18 alternatives, and to identify the Department's preferred
19 alternative and the reasons for selecting that preferred
20 alternative.

21 This document is presented in draft to allow
22 the public to see what the alternatives are, how they
23 have been evaluated, and to comment to DTSC on the
24 preferred alternative, or other alternatives, that the
25 public would like to see implemented to clean up the

1 Braitto landfill site.

2 This slide is an outline of my presentation,
3 and it also follows the outline of the Draft Remedial
4 Action Plan itself.

5 I will go over the site location and
6 description of some of the subareas at the site,
7 summarize some of the investigation work that has taken
8 place at the site between 1991 and about 1998, and just
9 a quick summary of the health risk assessments that have
10 been done for the site. I will spend most of the time
11 discussing the alternatives that have been identified
12 for subareas of the site, their evaluation criteria, and
13 then we'll discuss the preferred alternative for the
14 site and the project schedule.

15 This is a map of the site. It's obviously
16 difficult to read on the slide. But there is a copy of
17 it in the center of the fact sheet, which is this
18 document. So, you can probably follow along a little
19 bit easier on the map in that.

20 The former Solano County Sanitary Landfill
21 Site, which is also referred to as the Braitto Landfill
22 Site, was in operation from approximately the mid-'50s
23 to the late 1970s. It accepted municipal waste from
24 Benicia and surrounding communities and some industrial
25 waste, such as waste from the tanning industry in

1 Benicia.

2 In the early '80s, the site was developed for
3 residential housing. At that time, most of the waste
4 material in the area called North Canyon Area of the
5 site was removed and placed in the east canyon. Let me
6 show you those areas.

7 On this map, this is Highway 780. This is Rose
8 Drive that follows along this way. And this is the
9 north arrow pointing in that direction. This outline,
10 this sort of pie-shaped area is the lands that were
11 allocated by the county for use by Irving Braito in the
12 landfill.

13 During the investigation activities, we divided
14 the site into three operable units. The area here,
15 which is the closed East Canyon Landfill, is not part of
16 the investigation work or the Remedial Action Plan that
17 we are discussing tonight.

18 This area that borders Rose Drive approximately
19 from Columbus Parkway to Corcoran Court contains a
20 number of subareas that have been named for the types of
21 waste materials and residuals that have been found
22 there, and they constitute what is known as the North
23 Canyon Operable Unit.

24 The remaining land, primarily the area from
25 south of Palace Court, Columbus Parkway, is known as the

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8

1 Study Area Operable Unit.

2 Within the North Canyon Operable Unit, the
3 subareas that have been identified are the Black
4 Material Area, which is in the backyards of two houses
5 just north of Blake Court and Rose Drive. In the
6 backyards of what is known as Lots 50 and 51, which are
7 the third and the fourth house up from the corner, there
8 is material called the "black material." It's a dark,
9 viscous material that is fairly odorous. It is believed
10 to be either a residual from the tanning industry or
11 perhaps sludge from the sewage digester from the city of
12 Benicia that was known to be deposited on the site.

13 The next subarea is the Blake Court Landfill.
14 It's in an undeveloped cul-de-sac at Blake Court. This
15 area contains residual materials from burning of
16 municipal waste that is pushed into a side canyon and
17 covered with soil. The material is -- because it's been
18 burned, it's primarily inert material. There is no
19 longer any decomposable refuse material there. It
20 contains fragments of brick, ash, charred wood, glass,
21 and contains concentrations of some metals that are
22 higher than the concentrations normally found in the
23 soil in this area.

24 The next area that runs more or less under Rose
25 Drive, between Lower Bolton Circle and Corcoran Court,

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9

1 is an area known as the Creek Bed Hydrocarbon Area.
2 During the cleanup and development of the property for
3 residential housing, some soil was left on the site for
4 compacting the lower lifts to fill the canyon. And that
5 material had been in contact with the municipal waste
6 that was formerly in the canyon, so it's contaminated
7 with, again, fragments of refuse like brick and glass,
8 and also contains elevated concentrations of metal such
9 as copper, lead, zinc and chromium.

10 So, the area that is the hillside northeast of
11 the corner of Palace Court and Rose Drive, where metal
12 recycling activities took place, there were to be piles
13 of metal debris. Metal was stockpiled until economic
14 conditions were favorable to recycle material. There
15 are residual pieces of metal in the soil and also
16 elevated concentrations of some metals in the soil. The
17 stock piles have since been removed. And during
18 investigation activities, most of the surface scrap
19 metal as been removed.

20 This is an area along Cambridge Drive, just to
21 the east of Rose Drive. It's a location where some
22 above-ground fuel tanks and some other debris were
23 buried. This area has since had the tanks and debris
24 and contaminated soil removed. There is some residual
25 petroleum hydrocarbon in the bedrock at that location.

1 The remaining subarea is the Tires and Hides
2 Area. It's on the hillside west of the interception of
3 Clifton Court and Channing Circle. This area had
4 automobile tires and pieces of hide and scrap leather
5 that were buried in a trench. And those materials, the
6 soils, tires and hides, have since been removed under
7 removal action, and there is no residual soil
8 contamination at that location.

9 For the Study Area Operable Unit, an
10 investigation called a "Preliminary Endangerment
11 Assessment" was conducted. The records of environmental
12 agencies in the local area were extensively researched.
13 There were interviews with people familiar with the site
14 at the time it was operated to try to identify areas
15 where waste materials or hazardous substances may have
16 been handled on the site. Those areas were sampled, and
17 the results from that investigation has shown that there
18 really is not any contamination in those areas, you
19 know, any chemicals in the soil at levels above the
20 native soil concentrations.

21 Health risk assessments have been conducted for
22 both operable units. Within the North Canyon Operable
23 Unit, a baseline health risk assessment was conducted.
24 For the Black Material Area, Blake Court Area, there is
25 a quantitative risk assessment -- or qualitative risk

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11

1 assessment done in the Tank Area and the Creek Bed
2 Hydrocarbon Area. There was a separate baseline health
3 risk assessment done for the Hillside Area.

4 The baseline health risk assessment looks at
5 the potential health risks from chemicals in the soil if
6 the site is not remediated. So, it's a baseline. If
7 nothing was done at the site, the baseline health risk
8 assessment evaluates what the potential human health
9 risks will be. The assessments have found that there is
10 no significant potential health risk from the conditions
11 at the site.

12 For the Study Area Operable unit, a screening
13 risk assessment was done as part of the Preliminary
14 Endangerment Assessment. The screening risk assessment
15 uses a more conservative approach to decide whether or
16 not conditions warrant further investigation and risk
17 assessment work, and the soil sampling results showed
18 there really was no contamination. The screening risk
19 assessment also showed there is no potential human
20 health risk from the conditions in the study area.

21 I'm going to start the discussion of the
22 remedial alternatives for the site. The remedial
23 alternatives for the North Canyon Area were described in
24 a document called "Feasibility Study." After
25 alternatives are identified and screened, they are

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1 evaluated with standard criteria that are used by the
2 federal EPA as part of the federal Superfund Program.

3 And on the next two slides, I have a list of
4 what are called the nine criteria. The first two
5 criteria: Overall protection and compliance with what
6 are called "ARARS" are considered threshold criteria. A
7 remedial alternative has to pass these criteria to be
8 acceptable. The alternative has to protect human health
9 and the environment and meet regulatory requirement
10 standards such as maximum contamination limits in
11 drinking water, for example, would be an applicable
12 regulatory reform.

13 The next three criteria on this slide are known
14 as "balancing criteria." They are used to evaluate the
15 remedial alternatives against each other. These three,
16 long-term effectiveness, short-term effectiveness, and
17 reduction of toxicity and mobility, tend to relate to
18 each other. If the remedial alternative is effective in
19 the short term, that is, during the actual remedial
20 activity itself, but isn't also protected in the long
21 term, then that would be a way of evaluating an
22 alternative against each other.

23 Obviously, long-term effectiveness and
24 permanence is whether or not the remedial alternative is
25 protective in the long term, beyond the actual remedial

1 activities themselves, of human health and environment.

2 A reduction of toxicity, mobility and volume of
3 the hazardous substances. There is a preference with
4 the agencies to treat hazardous substances or
5 contaminated material as opposed to just containing
6 them. So, this criteria is used to compare alternatives
7 that treat or change hazardous substances to make them
8 less toxic, mobile or reduce the volume of the
9 contaminated material as compared to alternatives that
10 simply contain the hazardous substances.

11 "Implementability" refers to the technology
12 used in the remedial alternative. There are some
13 technologies that could be considered, but they may be
14 exotic; there may not be very many contractors that have
15 the ability to do the work; they could still be
16 experimental. So, this criteria is a way of evaluating
17 how well the technology can be applied to the site now.

18 The cost of the remedial alternative is also
19 used to compare alternatives, primarily in the superfund
20 situation where the fund has actually paid for the work
21 or the state government pays for the work.

22 The last two criteria are: regulatory
23 acceptance and community acceptance and are considered
24 modifying criteria that can be used to help change or
25 help select the remedial alternatives used depending

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14

1 reagents like lime and fly ash to try to improve the
2 handling characteristics of the material and to also
3 reduce its potential for releasing vapors during either
4 excavation in the case of Alternative A-6, where the
5 stabilized black material would be excavated and removed
6 for off-site disposal, or in the case of Alternative
7 A-7, where the material would be stabilized and
8 contained in place by placing a cap over the top of the
9 material and placing slurry trenches around the material
10 to prevent infiltration of groundwater or the release of
11 contaminated groundwater leachate from the black
12 material or soil gas to the surface.

13 This figure shows Alternative A-7. This
14 boundary for both Alternative A-6 and A-7 would be the
15 area of black material that would be stabilized. In the
16 case of Alternative A-6, this material would also be
17 excavated approximately in those boundaries.

18 For this alternative, this outer boundary is
19 also a location where a slurry wall or trench would go
20 in to isolate the material.

21 There is also a feature common to both
22 alternatives. Apart from stabilization work, there
23 would be a soil gas extraction treatment system
24 installed to reduce the potential -- to remove soil gas
25 and reduce the potential that during the stabilization

1 activity, there would be a release of soil gas to the
2 environment. This would just be the location for the
3 treatment plan.

4 This is a picture of the soil-mixing auger rig
5 that would be used to stabilize the black material.
6 This particular rig has three mixing devices in line
7 with each other. It's essentially like a drilling rig.
8 As it goes into the soil, a slurry of cement and lime
9 would be added to the soil and mixed together.

10 For the Blake Court Area, five alternatives
11 were identified. Three were retained for further
12 evaluation. Alternative B-3 involves institutional
13 controls for Blake Court and removal of some material,
14 contaminated soil and fragments of refuse from Parcel
15 C-1. And I'll show you that location in the next slide.

16 Alternative B-4 involves safe removal in Parcel
17 C-1, but adds hydraulic controls to control the surface
18 water and groundwater infiltration and contact with the
19 waste material in the Blake Court area by a perimeter
20 trench along the surface on the east side of the
21 landfill area, and also drains installed beneath the
22 waste material on Blake Court itself. Alternative B-5
23 involves removal of all of Blake Court and also the
24 material from the Parcel C-1.

25 This shows the area involved in Alternative

1 B-4. This is the approximate outline of the waste
2 material in Blake Court. This is the area known as a
3 portion of the Parcel C-1, where there are some
4 fragments of refuse in the near-surface soil. And the
5 dotted line is the approximate boundary of the
6 excavation.

7 So, all of this material would be removed in
8 Alternative B-4, and there would be a perimeter drain on
9 this side of the landfill and some under-drains under
10 the landfill that would connect in with the subdrain at
11 the toe of the landfill.

12 For the Creek Bed Hydrocarbon Area, five
13 alternatives were identified. Another two were further
14 considered. For Alternative C-2, there would be
15 additional groundwater and soil gas monitoring at the
16 Creek Bed Hydrocarbon Area. And in C-4, the hydrocarbon
17 area soils would be excavated and removed for off-site
18 disposal.

19 And for the tank area, there were six
20 alternatives identified and three retained. D-3
21 involves ongoing groundwater monitoring with the
22 existing groundwater at the location.

23 Alternative D-5 involves the treatment of the
24 residual hydrocarbon contamination in bedrock. This is
25 in place treatment by biological treatment by injecting

1 organisms and nutrients to allow them to degrade the
2 hydrocarbon residuals in the bedrock.

3 Alternative D-6 involves pumping groundwater to
4 the surface and treating it and discharging the treated
5 groundwater. So, it would be a way of handling any
6 contaminated groundwater that may be coming off.

7 The site-wide preferred alternatives are: For
8 the black material alternative, A-6, which is the
9 in-place stabilization of the black material and
10 off-site disposal; for the Blake Court Area, Alternative
11 B-5, which is the removal of all of Blake Court and
12 Parcel C-1 area; for the Creek Bed Hydrocarbon and Tank
13 Area, the preferred alternatives are the monitoring
14 alternatives.

15 This is a map of the remedial design in the
16 Blake Court and Black Material Area. There is also a
17 copy of a large scale map of this side over here, if you
18 would like to refer to it later.

19 An approximate sequence of events and
20 activities in this area would be: There would be some
21 site preparation work to install security fences around
22 this area; demolish the houses at Lot 50 and 51; there
23 would be some overburden materials and cleaning soils
24 that would be removed and stockpiled back behind the
25 Blake Court Area; there would be installation of the

1 soil gas extraction and treatment system in the Black
2 Material Area. This would be the location of the
3 treatment system.

4 The material from Parcel C-1 would be
5 stockpiled temporarily and removed off site. The black
6 material would be stabilized and then excavated. And
7 there is access for loading behind the houses on Lots 48
8 and 49. And there would be an area right here for
9 decontamination of the trucks. So, this would be the
10 loading area for black material excavation.

11 And then there would be the excavation and
12 off-site disposal of the Blake Court Area, and then
13 back-filling of both black material in the Blake Court
14 Area by using clean soil that's been stockpiled, and
15 also clean imported fill.

16 The rest of the preferred alternative for the
17 site involves no further action at the Tires and Hides
18 Area, where a removal action has already been completed,
19 and no further activity at the Hillside Area. Most of
20 the surface metals have already been removed, and
21 residuals were not shown to have any potential health
22 risk. So, no remedial alternatives were developed in
23 the Hillside Area.

24 For the Study Area Operable Unit, there would
25 be some additional investigation work. We recommended

1 installation of a soil-gas-monitoring well area and an
2 area along Rose Drive between Palace Court and Cambridge
3 Drive, where the study area found some elevated levels
4 of methane. We're just installing a well to check to
5 see whether the results were correct. And also, further
6 investigation at the location of a former underground
7 fuel tank that was associated with the Braito residence
8 that was on the site at the time. And that's located
9 near the Medical Arts Building at the south end of Rose
10 Drive.

11 The project schedule will be considering public
12 comments and responding to public comments on the Draft
13 Remedial Action Plan. We won't be able to approve the
14 final Remedial Action Plan until after the impacts of
15 the plan are evaluated in a similar project that is
16 being conducted by the City of Benicia. The City of
17 Benicia has a project called "Rose Drive Cleanup and
18 Development Agreement." They are developing an
19 Environmental Impact Report to evaluate the potential
20 impacts on the community from this project. The cleanup
21 portion of that project is believed to be similar to
22 what is described in the preferred alternative for the
23 Remedial Action Plan.

24 The Department of Toxic Substances Control is
25 required to comply with the California Environmental

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21

1 Quality Act by reviewing the Environmental Impact Report
2 and certifying it as part of its approval of the
3 Remedial Action Plan.

4 The remedial design documents, which describe
5 how the preferred alternative will be implemented,
6 should be available for review and would be approved in
7 the early part of next year, in approximately March and
8 April of next year. And that approval of the design
9 document would obviously come off the approval for the
10 RAP.

11 Site preparation work will follow fairly
12 immediately after the approval of the design document in
13 April or May. Black material treatment/excavation will
14 take about three months in the summer, approximately
15 June to August.

16 Blake Court excavation will take a little bit
17 longer because of the volume of the material involved,
18 and it will start in May and go until approximately
19 September for excavation and back-filling.

20 Following the completion of the field
21 activities, there will be an implementation report that
22 will be submitted that will describe what work was done,
23 and it will contain the results for confirmation
24 sampling that was conducted in the excavation areas.
25 That report will be available for review and approval.

1 And following its approval, DTSC will certify remedial
2 activities that have taken place at the site, and that
3 will be approximately January of 2002.

4 That is the end of my presentation. And Roman
5 will start off the public questioning and comment
6 period.

7 MR. RACCA: Normally, I'd look around the room,
8 and if it's a completely full room, I'd say, "Well,
9 you've got five minutes" or something. But I'm not
10 going to do that tonight since I think we'll just -- if
11 you have comments, just take your time. Speak clearly.
12 And please, if you can, state your name also for the
13 reporter. We're open for questions and comments.

14 Anyone?

15

16 STATEMENT BY GARY NANCE

17

18 MR. NANCE: My name is Gary Nance. I live at
19 872 Rose Drive, which was otherwise identified as
20 Lot 52, immediately adjacent to the Black Material Area.

21 The Alternatives A-6 and B-5, the preferred
22 alternatives, are what I have been asking for for the
23 past nine years. My wife and I will probably be the
24 people most affected by the activity in the area. And
25 we're willing to put up with it and feel that it is the

1 best alternative to restore the neighborhood to the
2 condition that we hoped for when we bought the home.
3 Thank you.

4 MR. RACCA: Thank you.

5 Any additional comments? Questions?

6

7 STATEMENT BY RICHARD LUBIN

8

9 MR. LUBIN: My name is Richard is Lubin. I
10 live at 867 Channing Circle. I would like to commend
11 Paul on one of the finest presentations I've heard by
12 this group in a long, long time. It was very well done,
13 well documented, clear and concise.

14 I concur with the earlier speaker. The choice
15 of preferred treatment is what this community has asked
16 for for a long, long time, and you're to be commended
17 for that.

18 What can get in the way?

19 MR. RUFFIN: I don't know. Hopefully, nothing.

20 MR. LUBIN: Well, thank you.

21 MR. RACCA: Okay. Thank you.

22 Any additional comments?

23 Good. Okay. If there are no further comments
24 or questions, what I would like to do is just move on,
25 and we're going to conclude the meeting then.

1 However, I would like to let you know that the
2 public comment period started November 15th and also
3 ends December 15th. You can submit your comments to
4 Paul Ruffin. The address is: Department of Toxic
5 Substances Control, P.O. Box 806, Sacramento, California
6 95812-0806.

7 Also, there is a contact for questions or
8 comments to myself. The phone number is given: (916)
9 445-9543. We also have given both e-mails for both
10 myself and Paul. Also, if you would pick up the fact
11 sheet, it's on the fact sheet also, the information on
12 how to contact us.

13 Once again, you can make oral comments tonight,
14 which we've done. But also, you can mail in your
15 comments or you can write your comments at this time and
16 submit it to us at the same time tonight.

17 There are two information repositories. There
18 is one here in Benicia at the Public Library. Four
19 copies, my understanding, are here in the library.

20 Also, we have copies at the Department of Toxic
21 Substances Control, 301 Capital Mall, Third Floor. And
22 what I would do, if you're going to go to Capital Mall,
23 probably you should call Paul or myself ahead of time,
24 just to make sure we're there, and we can show you where
25 the copies are that you can review.

1 And that's it. I'd like to thank everyone for
2 attending. And we're going to adjourn the meeting.

3 (Ending time: 7:48 p.m.)

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1 REPORTER'S CERTIFICATION

2

3

4

I SHARON LANCASTER, C.S.R. No. 5648, Certified

5

Shorthand Reporter, certify:

6

That the foregoing proceedings were taken

7

before me at the time and place therein set forth;

8

That the foregoing is a true and correct

9

transcript of my shorthand notes so taken.

10

I further certify that I am not a relative or

11

employee of any attorney or of any of the parties, nor

12

financially interested in the action.

13

I declare under the penalty of perjury under

14

the laws of the State of California that the foregoing

15

is true and correct.

16

Dated this 19th day of December, 2000.

17

18

19

20

SHARON LANCASTER, CSR No. 5468, RPR

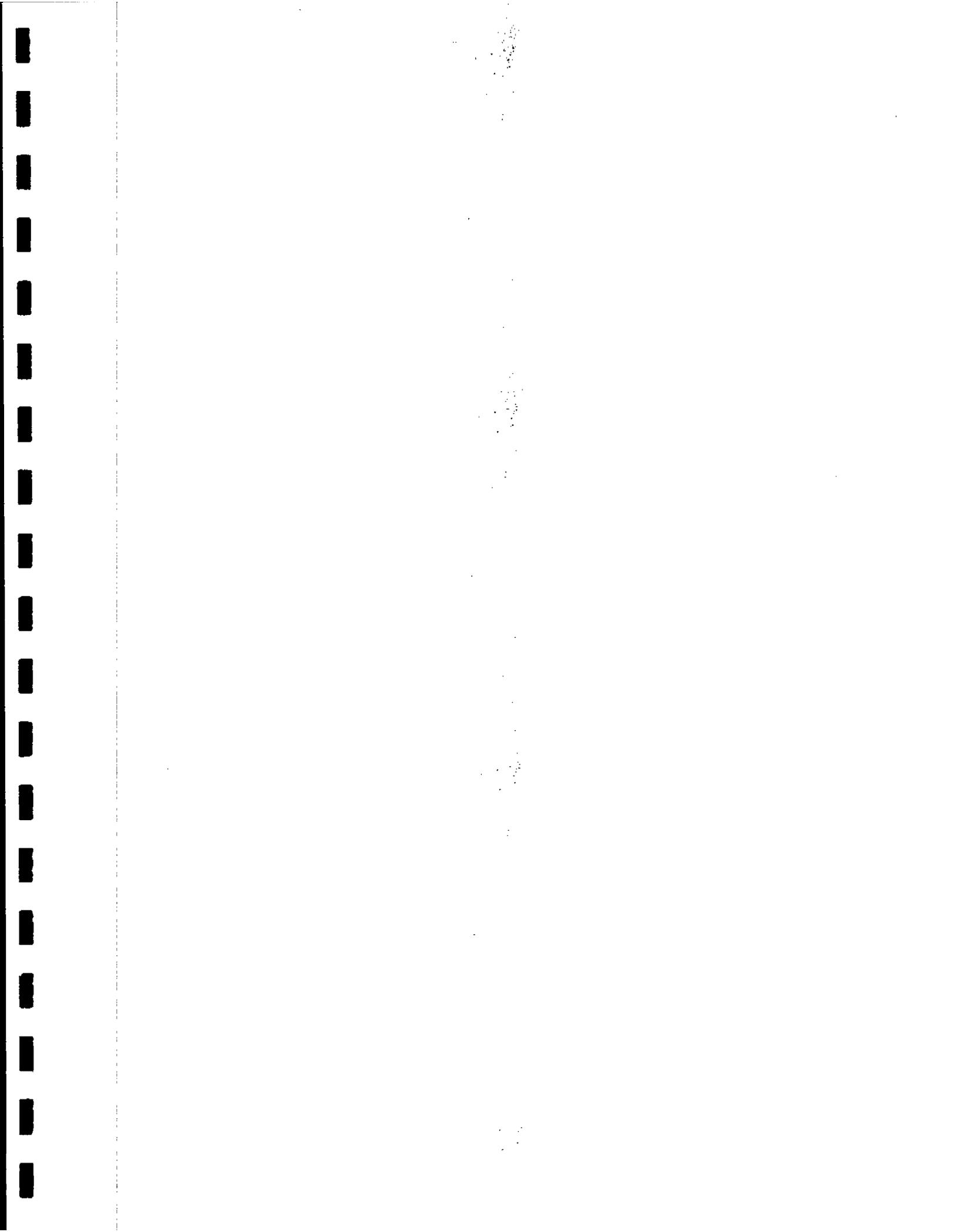
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ATTACHMENT D



CITY HALL • 250 EAST L STREET • BENICIA, CA 94510 • (707) 746-4216 • FAX (707) 746-1196

CITY ATTORNEY'S OFFICE
HEATHER C. Mc LAUGHLIN
City Attorney

December 15, 2000

Via Fax and U.S. Mail

Mr. Paul Ruffin, P.E. Project Manager
Department of Toxic Substances Control
Site Mitigation Program
301 Capitol Mall
P.O. Box 806
Sacramento, California 95812-0806

Re: Comments on Draft Remedial Action Plan for the Former Solano County Sanitary Landfill
(also known as the "Braito Landfill Site"), Benicia California

Dear Mr. Ruffin:

On behalf of the City of Benicia, I have reviewed the draft Remedial Action Plan ("RAP") for the Former Solano County Sanitary Landfill (also known as the "Braito Landfill Site"), Benicia California. We are pleased that this project is proceeding. As you are well aware, we have been working on the Braito Landfill site for some time. The issuance of the RAP is a major step in resolving this matter.

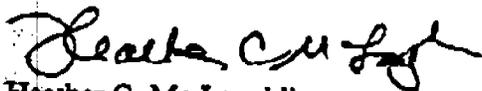
The preferred cleanup alternatives identified in the RAP are in concert with the cleanup proposals identified by the Benicia City Council in 1997. A copy of that resolution is included for your information. In 1997, the City requested longer monitoring periods for the Creek Bed/Hydrocarbon Area. However, the five year monitoring proposed by the preferred alternative C-2 appears to be acceptable based upon the discussion in the RAP about the low level of hydrocarbons, the impacts of the hydrocarbons degrading over time, and the lack of exposure pathways. Similarly, for the Tank Area, the City requested ongoing monitoring. The preferred alternative, Alternative D-3, provides the City with protection should any changes be detected during the monitoring of the Area in the next five years.

We look forward to working with you on the draft Environmental Impact Report ("EIR") for this project. We hope that the draft EIR for agency review will be issued by the end of this year at the latest. After the agency comment period, the draft EIR will be issued for public review.

Paul Ruffin
December 15, 2000
Page 2

We commend you on the completion of the RAP and thank you for the opportunity to comment.

Sincerely,



Heather C. Mc Laughlin
City Attorney/Project Manager

Attachment

cc: City Council
City Manager
Marge Macris
Bobette Biddulph
Scott Goldie

RESOLUTION NO. 97-70

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BENICIA
ESTABLISHING AN OFFICIAL POLICY FOR REMEDIATION OF THE BRAITO
LANDFILL/ROSE DRIVE WASTE SITES EXCEPT FOR THE HILLSIDE METALS
AREA**

WHEREAS, the neighborhood which has come to be known as "Rose Drive" in the Southampton Subdivision, located between Cambridge Drive and Corcoran Court, and including Channing Circle (Rose Drive Neighborhood), is a valued and important part of Benicia's residential community; and

WHEREAS, the Rose Drive Neighborhood is residential; and

WHEREAS, the Rose Drive Neighborhood was once part of the old Braitto Landfill and was located in the part of the Braitto Landfill disposal area known as the "North Canyon"; and

WHEREAS, the Rose Drive Neighborhood has been found to contain hazardous wastes from the Braitto Landfill which were not removed prior to development of the residences; and

WHEREAS, the presence of hazardous wastes remaining in the Rose Drive Neighborhood has seriously impaired the quality of life and economic vitality of the Rose Drive Neighborhood and has seriously impaired property values throughout the City; and

WHEREAS, the City of Benicia is committed to promoting a high quality of life and a vital social and economic climate in the Rose Drive Neighborhood and the city as a whole; and

WHEREAS, it is the intent of the City of Benicia that the Rose Drive Neighborhood should be restored to a healthful and positive living environment; and

WHEREAS, the City of Benicia and its residents are well-informed about the process used by the Cal/EPA Department of Toxic Substances Control for remedial investigation and cleanup; and

WHEREAS, the City of Benicia seeks to avoid and prevent future problems with groundwater contamination or ground subsidence in the area of the North Canyon and to minimize the City's long term responsibilities and liabilities for proper monitoring and oversight of the hazardous waste areas; and

WHEREAS, the Cal/EPA Department of Toxic Substances Control is soliciting the input of the City of Benicia on alternatives for remediation of the wastes; and

WHEREAS, a Feasibility Study has been conducted by Granite Management Corporation, formerly known as Southampton Company, hereinafter referred to as "Responsible Party," for the North Canyon Operable Unit (NCOU) which is part of the Rose Drive Neighborhood; and

WHEREAS, this Feasibility Study was revised by the Responsible Party in a document dated April 18, 1997 entitled "Feasibility Study and Public Health Evaluation of Remedial Alternatives, Former Solano County sanitary Landfill, Benicia, California" hereinafter referred to as the "revised FS/PHERA"; and

WHEREAS, the revised FS/PHERA omits any discussion of remedial alternatives for the Creek Bed Hydrocarbon Area and the Tank Area; and

WHEREAS, the Study Area of the North Canyon of the Braito Landfill is part of an ongoing investigation; and

WHEREAS, the City of Benicia is convinced that the most prudent course of action for the North Canyon is a maximum conservative cleanup to restore the confidence and the quality of life in the community and to minimize potential long-term problems; and

WHEREAS, City policy for the Hillside Metals Area of the NCOU of the Braito Landfill cannot yet be made because Cal/EPA Department of Toxic Substances Control is requiring the Responsible Party to revise the "Draft Hillside Area Report" to incorporate the requirements of Cal/EPA Department of Toxic Substances Control; and

WHEREAS, City policy for areas outside the NCOU cannot yet be made because the investigation of the Study Area is not completed.

NOW, THEREFORE, BE IT RESOLVED that the City of Benicia does hereby conclude that the following cleanup alternatives should be selected by the Cal/EPA Department of Toxic Substances Control for the remediation of the area generally known as the NCOU of the Braito Landfill area:

FOR THE BLACK MATERIAL AREA: Remove all waste material and associated contaminated soil, with due care to minimize impacts due to odor, traffic, air emissions, security, and other negative consequences to the community of the removal activities.

FOR THE BLAKE COURT AREA: Remove all waste material and associated contaminated soil, with due care to minimize impacts due to odor, traffic, air emissions, security, and other negative consequences to the community of the removal activities. Restore the area to its natural contours to the extent feasible, taking into account proper drainage, erosion control, consistency with adjacent developed lots, and other issues necessary to blend the area into the neighborhood environment.

FOR THE CREEK BED/HYDROCARBON AREA: Recognize that the depth to contaminated material and the large geographic area involved would result in unacceptably large impacts to the community to remove the contaminated material. Require indemnification of the City of Benicia for a period not less than twenty (20) years for any and all damage to public or private property in the area due to subsidence, shifting, or other movement caused by or related to any instability in the contaminated material.

FOR THE TANK AREA: Recognize that the remaining contaminated material, characterized as "in cracks in bedrock", cannot be practically removed. Require groundwater monitoring with assurances of ongoing operation and maintenance until no credible threat of contamination from the Tank Area remains.

FOR THE HIDES AND TIRES AREA: Note that the remediation process is effectively completed.

BE IT FURTHER RESOLVED that the Cal/EPA Department of Toxic Substances Control must require the Responsible Party to include remedial alternatives for the Creek Bed/Hydrocarbon Area and Tank Area because of the long term potential impacts on public health, safety and welfare in these areas if the City's proposed cleanup alternatives as set forth above are not selected.

BE IT FURTHER RESOLVED that the Cal/EPA Department of Toxic Substances Control must require the Responsible Party indemnify, defend and hold harmless the City of Benicia for a period of at least twenty (20) years for damage to, and claims or suits for damage to, any public or private property due to any hazardous waste, contaminated ground water or soil, soil subsidence, or other waste problems caused by or related to the Braito Landfill.

BE IT FURTHER RESOLVED that the City Council of the City of Benicia will make policy on the Hillside Metals Area and Study Area, when appropriate.

BE IT FURTHER RESOLVED that the Cal/EPA Department of Toxic Substances Control should require the Responsible Party to indemnify the City for staff and consultant time and expense in investigating, studying and monitoring the Braito Landfill problems.

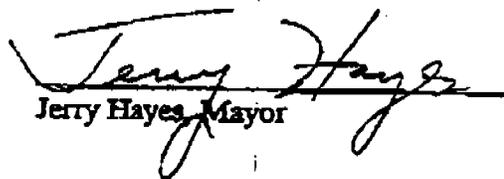
BE IT FURTHER RESOLVED that the City Clerk is hereby directed to send copies of this resolution to the Governor and to Senator Maurice Johannessen and Assemblywoman Helen Thomson to inform them of this important issue.

On a motion of Council Member Corbaley, seconded by Council Member Cox-Golovich, the above resolution was introduced and passed by the City Council of the City of Benicia at a regular meeting held on the 6th day of May 1997, and adopted by the following vote:

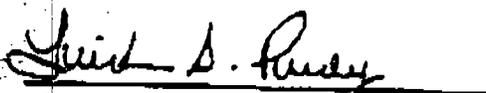
Ayes: Council Members Arteaga, Corbaley, Cox-Golovich & Mayor Jerry Hayes

Noes: None

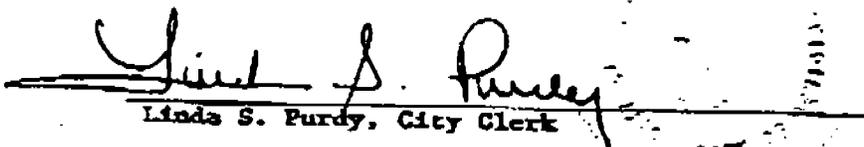
Absent: Council Member Gizzi


Jerry Hayes, Mayor

ATTEST:


Linda S. Purdy, City Clerk

I, Linda S. Purdy, City Clerk of the City of Benicia, County of Solano, State of California, hereby certify that the foregoing Resolution was adopted by the City Council of the City of Benicia at a regular meeting held May 6, 1997.


Linda S. Purdy, City Clerk

12/15/00
707-746-1198

MEMORANDUM:

May 8, 1997

TO : Mayor & City Council

FROM : Steve Gizzi
Vice Mayor

SUBJECT : SUPPORT FOR RESOLUTION 97-70; RESOLUTION OF THE CITY COUNCIL ESTABLISHING AN OFFICIAL POLICY FOR REMEDIATION OF THE BRAITO LANDFILL/ROSE DRIVE WASTE SITES EXCEPT FOR THE HILLSIDE METALS AREA:

At the City Council Meeting of Tuesday, May 6, 1997, the City Council passed the above resolution. I was unable to be in attendance at this meeting, due to the fact that I was out of state. However, I would like this memo to serve as a side letter, expressing my total support for the above resolution, passed at the City Council Meeting of Tuesday, May 6, 1997.

Should you have any questions regarding the above, please feel free to contact me.


Steve Gizzi
Vice Mayor

SG:tb
/SG58.97

cc: City Attorney
City Clerk