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APPENDIX C: DATA VALIDATION REPORT

1.0 INTRODUCTION

Northgate performed a quality assurance/quality control (QA/QC) evaluation of the analytical data for the soil samples collected from the Ridge and South Valley areas of the Tourtelot Project Site, Benicia, California between September 2002 and January 2004. The data were reviewed in accordance with the procedures outlined in the Final Non-Ordnance and Explosives Quality Assurance Project Plan for the Remediation of the Tourtelot Project Site, Benicia, California, dated June 7, 2002 (QAPP). This report summarizes the results of the QA/QC data evaluation.

1.1 Data Flagging

Following review of the data, some of the results were flagged with qualifiers, defined as follows:

- J: The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R: The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Additionally, when data was flagged because it was below reporting limits, an additional character was added to the J flag to clarify the reason for the uncertainty in the value; concentrations reported below the reporting limits are flagged with 'J1'.

2.0 DATA ANALYSES

Soil samples were collected and analyzed by one or more of the following methods:

- EPA methods 353.2/9056 for nitrate and nitrite
- EPA method 314.0 for perchlorate
- EPA method 365.2/365.3 for total phosphorus
- EPA method 6010B/6020 for metals
- EPA method 7470A/7471A for mercury
- EPA method 8015 for diesel and motor oil

- EPA method 8081A for pesticides
- EPA method 8082 for polychlorinated biphenyls (PCBs)
- EPA method 8290 for dioxins and furans
- EPA method 8310 for polynuclear aromatic hydrocarbons (PAHs)
- EPA method 8330 for explosives
- EPA method 8015M for total extractable petroleum hydrocarbons (TEPH)

Soil samples were collected by Northgate and submitted to STL San Francisco, located in Pleasanton California, STL Sacramento, located in Sacramento California, or STL Denver, located in Denver, Colorado, for analysis. Nitrate and nitrite were analyzed early in the project by two methods (353.2 and 9056) not included in the QAPP, because method 300 was inadvertently not specified on the chain-of-custody form. Subsequently, the labs were instructed to use method 300, in accordance with the QAPP. Strontium was analyzed by method 6020, instead of method 6010 as specified in the QAPP, for one set of samples sent to a subcontractor by STL San Francisco. Method 6020 was used due to instrument problems and Northgate requested that method 6010 be used for all remaining work. The change in analytical method was discussed in a technical memorandum dated October 16, 2003, submitted to Brian Davis of the Department of Toxic Substances Control (DTSC).

3.0 DATA VALIDATION

The data were evaluated based on the following parameters according to the QAPP:

- Sample handling and holding times
- Reporting limits
- Method blanks
- System monitoring compound spike recoveries (surrogates)
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs)
- Laboratory control spike/laboratory control spike (LCS/LCSD) duplicate recoveries and relative percent differences (RPDs)

These parameters were compared to established limits. Sample handling, holding times, and reporting limits are specified in the QAPP. The laboratory parameters were compared to the control limits established by the laboratories. Table 4-1 of the QAPP, *Data Validation Flagging Conventions*, was followed in determining flags for the data due to exceedances of holding times, cooler temperature, and laboratory parameters.

Data were not flagged due to reporting limit exceedances. If reporting limits were exceeded, the laboratory was contacted. Additionally, any reporting limit exceedances were compared to

project remedial action objectives and criteria, to insure that there would no negative impacts on the project.

Field duplicates were collected for Northgate's quality control program, and the United States Corps of Engineers' designated laboratory as part of the quality assurance effort. A comparison has been made of these data, but data are not flagged based on the comparisons. The duplicate data evaluation will be presented with the Site-Wide Post-Remediation Risk Assessment.

3.1 Presentation of Data Validation

Data was validated in groups based on site areas. Each group is assigned a letter, as shown in the table below, which is postfixed to the table numbers that summarize the validation for that group. The validation for each group is summarized in Tables C-1a through C-1g and Tables A-2a through C-2g. Exceedances and associated control limits are presented in Tables C-1a through C-1g, along with the data qualifiers required due to the exceedances. The qualified results are then listed in Tables C-2a through C-2g.

Letter	Sample Group
a	Demolition Site 1
b	Demolition Site 3
c	Blow-In-Place samples within Demolition Site 3
d	Flare Site 1
e	Flare Site 2
f	Flare Site 3
g	Ridge Area

Many of the exceedances and qualified results shown in Tables C-1 and C-2 are due to MS or MSD recoveries being outside control limits. However, in almost all of these cases, the spike percent recoveries (SPRs) and RPDs associated with the batch LCS and LCSD (if done) were within control limits. This indicates that the recovery exceedances were due to matrix interference in the samples, and that the laboratory maintained sufficient accuracy and precision.

LCS and/or LCSD SPRs and RPDs were outside of control limits for five batches: 3051344, 3263202, 3265425, 200209090218, and 200211210218. Four of the batches contained only equipment rinsate results and the analytes corresponding to the exceedances were not detected in the associated project soil samples. Batch 200211210218 contained one soil sample and included an MS/MSD on that sample with results within control limits. Therefore, it appears that any errors associated with these LCS/LCSDs did not affect the project.

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
D3I200000202	WATER	3263202	LCS	2-Amino-4,6-dinitrotoluene	8330	SPR	41 %	68	127	2-Amino-4,6-dinitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
D3I200000202	WATER	3263202	LCS	2-Nitrotoluene	8330	SPR	46 %	49	104	2-Nitrotoluene result within batch will be flagged with 'J' if detected and 'UJ' if not detected.
D3I200000202	WATER	3263202	LCS	4-Amino-2,6-dinitrotoluene	8330	SPR	0 %	46	125	4-Amino-2,6-dinitrotoluene results within batch will be flagged with 'J' if detected and 'R' if not detected.
D3I200000202	WATER	3263202	LCS	4-Nitrotoluene	8330	SPR	53 %	55	120	4-Nitrotoluene result within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3I220000425	WATER	3265425	LCSD	2-Nitrotoluene	8330	RPD	19 %		18	2-Nitrotoluene result within batch will be flagged with 'J' if detected and 'UJ' if not detected
D3I190410019	SOLID	3267517	SUR	1,2-Dinitrobenzene	8330	SPR	%	79	146	The SPR could not be calculated because the sample was diluted beyond the ability to quantitate a recoveryl
D3I190410025	SOLID	3267517	SUR	1,2-Dinitrobenzene	8330	SPR	%	79	146	The SPR could not be calculated because the sample was diluted beyond the ability to quantitate a recoveryl
D3I190410018	SOLID	3267517	MS	2,4,6-Trinitrotoluene	8330	SPR	173 %	74	145	2,4,6-Trinitrotoluene result in parent sample will be flagged with 'J' if detected.
D3I190410018	SOLID	3267517	MSD	2,4,6-Trinitrotoluene	8330	SPR	49 %	74	145	
D3I190410018	SOLID	3267517	MSD	2,4,6-Trinitrotoluene	8330	RPD	52 %		30	
G3K120351016	WATER	3322339	ER	2,4,6-Trinitrotoluene	8330	Conc	0.13 ug/L		ND	No flagging required because 2,4,6-Trinitrotoluene was not detected in soil samples.
G3K120351017	WATER	3322339	ER	2,4,6-Trinitrotoluene	8330	Conc	0.18 ug/L		ND	No flagging required because explosives analyses was not performed on soil samples.
2003110372-17	Soil	200311120115	MS	Antimony	6010B	SPR	41.1 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Antimony	6010B	SPR	39.6 %	75	125	

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110372-17	Soil	200311120115	MS	Arsenic	6010B	SPR	69.1 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Arsenic	6010B	SPR	67.9 %	75	125	
2003110372-17	Soil	200311120115	MS	Barium	6010B	SPR	57.5 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Barium	6010B	SPR	59 %	75	125	
2003110372-17	Soil	200311120115	MS	Beryllium	6010B	SPR	72 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Beryllium	6010B	SPR	71.9 %	75	125	
2003110372-17	Soil	200311120115	MS	Cadmium	6010B	SPR	69.9 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Cadmium	6010B	SPR	70 %	75	125	
2003110372-17	Soil	200311120115	MS	Chromium	6010B	SPR	70.3 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Chromium	6010B	SPR	70.3 %	75	125	
2003110372-17	Soil	200311120115	MS	Cobalt	6010B	SPR	71.5 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Cobalt	6010B	SPR	70.7 %	75	125	
2003110372-17	Soil	200311120115	MS	Lead	6010B	SPR	68.5 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Lead	6010B	SPR	64.2 %	75	125	
2003110372-17	Soil	200311120115	MS	Molybdenum	6010B	SPR	66.3 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Molybdenum	6010B	SPR	65.4 %	75	125	

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110372-17	Soil	200311120115	MS	Nickel	6010B	SPR	71 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Nickel	6010B	SPR	71.1 %	75	125	
2003110372-17	Soil	200311120115	MS	Selenium	6010B	SPR	65.9 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Selenium	6010B	SPR	64.9 %	75	125	
2003110372-17	Soil	200311120115	MS	Thallium	6010B	SPR	62.7 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Thallium	6010B	SPR	62.7 %	75	125	
2003110372-17	Soil	200311120115	MS	Vanadium	6010B	SPR	74.8 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Vanadium	6010B	SPR	74.1 %	75	125	
2003110372-17	Soil	200311120115	MS	Zinc	6010B	SPR	64.3 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110372-18	Soil	200311120115	MSD	Zinc	6010B	SPR	64.2 %	75	125	
2003110372-76	Soil	200311120116	MS	Mercury	7471A	SPR	117 %	85	115	Mercury results within batch will be flagged with 'J' if detected.
2003110372-77	Soil	200311120116	MSD	Mercury	7471A	SPR	116.3 %	85	115	
2003110415-16	Soil	200311130115	MS	Antimony	6010B	SPR	19.3 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003110415-17	Soil	200311130115	MSD	Antimony	6010B	SPR	17.7 %	75	125	
2003110415-16	Soil	200311130115	MS	Arsenic	6010B	SPR	66.7 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Arsenic	6010B	SPR	66.5 %	75	125	

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110415-16	Soil	200311130115	MS	Beryllium	6010B	SPR	70.4 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Beryllium	6010B	SPR	71.5 %	75	125	
2003110415-16	Soil	200311130115	MS	Cadmium	6010B	SPR	66.2 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Cadmium	6010B	SPR	66.8 %	75	125	
2003110415-16	Soil	200311130115	MS	Chromium	6010B	SPR	74.4 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Chromium	6010B	SPR	74.2 %	75	125	
2003110415-16	Soil	200311130115	MS	Cobalt	6010B	SPR	67.8 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Cobalt	6010B	SPR	67.2 %	75	125	
2003110415-16	Soil	200311130115	MS	Lead	6010B	SPR	66.4 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Lead	6010B	SPR	65.4 %	75	125	
2003110415-16	Soil	200311130115	MS	Molybdenum	6010B	SPR	60.6 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Molybdenum	6010B	SPR	59.7 %	75	125	
2003110415-16	Soil	200311130115	MS	Nickel	6010B	SPR	70.7 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Nickel	6010B	SPR	70.4 %	75	125	
2003110415-16	Soil	200311130115	MS	Selenium	6010B	SPR	65.8 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Selenium	6010B	SPR	65.6 %	75	125	

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110415-16	Soil	200311130115	MS	Silver	6010B	SPR	74.2 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Silver	6010B	SPR	74.1 %	75	125	
2003110415-16	Soil	200311130115	MS	Thallium	6010B	SPR	60.8 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Thallium	6010B	SPR	61.6 %	75	125	
2003110415-17	Soil	200311130115	MSD	Vanadium	6010B	SPR	70.9 %	75	125	Results will not be flagged because the SPR of the MS was within control limits.
2003110415-16	Soil	200311130115	MS	Zinc	6010B	SPR	70.7 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003110415-17	Soil	200311130115	MSD	Zinc	6010B	SPR	69.6 %	75	125	
2003110415-44	Soil	200311130116	MS	Mercury	7471A	SPR	127.7 %	85	115	Mercury results within batch will be flagged with 'J' if detected.
2003110415-45	Soil	200311130116	MSD	Mercury	7471A	SPR	125.2 %	85	115	
2003110476-1	Water	200311170215	ER	Copper	6010B	Conc	0.0085 mg/L		ND	Results will not be flagged. All conc in soil sampled on day of ER (11/11/03) were greater than 5 X conc in ER.
2003110476-1	Water	200311170215	ER	Nickel	6010B	Conc	0.020 mg/L		ND	Results will not be flagged. All conc in soil sampled on 11/11/03 were greater than 5 X conc in ER.
2003110476-1	Water	200311170215	ER	Thallium	6010B	Conc	0.0073 mg/L		ND	Results will not be flagged because thallium was not detected in any soil sampled on 11/11/03
2003110476-26	Water	200311180116	MS	Mercury	7470A	SPR	4.6 %	85	115	Mercury results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003110476-27	Water	200311180116	MSD	Mercury	7470A	SPR	5.7 %	85	115	
2003110476-27	Water	200311180116	MSD	Mercury	7470A	RPD	21.4 %		20	
2003110372-5	Soil	200311190118	MSD	1-Methyl naphthalene	8310	SPR	43.9 %	50	150	Results will not be flagged because the SPR of the MS was within control limits.

Table C-1a
Summary of QC Sample Exceedances - Demolition Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110372-5	Soil	200311190118	MSD	Naphthalene	8310	RPD	62.3 %		35	Naphthalene result in parent sample will be flagged with 'J' if detected and 'UJ' if not detected

Notes:
Conc - Concentration
DUP - Duplicate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
MB - Method Blank
mg/kg - milligram per kilogram
mg/l - milligram per liter
MS SUR - Surrogate of Matrix Spike
MSD SUR - Surrogate of Matrix Spike Duplicate
MSD - Matrix Spike Duplicate
MS - Matrix Spike
NC - Not Calculated
ND - not detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate
Temp - Sample temperature when sample arrived at laboratory

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3I160341001	SOLID	3265381	FS	All by Method	314.0	HT	29		28	Results will be flagged with 'J' if detected and 'UJ' if not detected.
G3I160341002	SOLID	3265381	FS	All by Method	314.0	HT	30		28	Results will be flagged with 'J' if detected and 'UJ' if not detected.
2003070429-27	Soil	200307150416	MS	Mercury	7471A	SPR	%	85	115	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003070429-28	Soil	200307150416	MSD	Mercury	7471A	SPR	%	85	115	
2003090537-71	Soil	200309170316	MS	Mercury	7471A	SPR	%	85	115	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003090537-72	Soil	200309170316	MSD	Mercury	7471A	SPR	%	85	115	
2003090537-104	Soil	200309170516	MS	Mercury	7471A	SPR	115.9 %	85	115	Results will not be flagged because the SPR of the MSD was within control limits.
2003100187-160	Soil	200310060415	MS	Antimony	6010B	SPR	19.6 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003100187-161	Soil	200310060415	MSD	Antimony	6010B	SPR	20.7 %	75	125	
2003100187-160	Soil	200310060415	MS	Arsenic	6010B	SPR	59.6 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Arsenic	6010B	SPR	61.1 %	75	125	

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100187-160	Soil	200310060415	MS	Barium	6010B	SPR	55 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Barium	6010B	SPR	51.5 %	75	125	
2003100187-160	Soil	200310060415	MS	Beryllium	6010B	SPR	63.6 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Beryllium	6010B	SPR	64.2 %	75	125	
2003100187-160	Soil	200310060415	MS	Cadmium	6010B	SPR	56.8 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Cadmium	6010B	SPR	58.1 %	75	125	
2003100187-160	Soil	200310060415	MS	Chromium	6010B	SPR	60 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Chromium	6010B	SPR	58.3 %	75	125	
2003100187-160	Soil	200310060415	MS	Cobalt	6010B	SPR	57.9 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Cobalt	6010B	SPR	59.2 %	75	125	
2003100187-160	Soil	200310060415	MS	Copper	6010B	SPR	68.4 %	75	125	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Copper	6010B	SPR	65.4 %	75	125	

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100187-160	Soil	200310060415	MS	Lead	6010B	SPR	56.2 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Lead	6010B	SPR	57.3 %	75	125	
2003100187-160	Soil	200310060415	MS	Molybdenum	6010B	SPR	52.1 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Molybdenum	6010B	SPR	54.6 %	75	125	
2003100187-160	Soil	200310060415	MS	Nickel	6010B	SPR	57 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Nickel	6010B	SPR	57 %	75	125	
2003100187-160	Soil	200310060415	MS	Selenium	6010B	SPR	53.3 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Selenium	6010B	SPR	55.2 %	75	125	
2003100187-160	Soil	200310060415	MS	Silver	6010B	SPR	63.7 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Silver	6010B	SPR	64.9 %	75	125	
2003100187-160	Soil	200310060415	MS	Thallium	6010B	SPR	48.4 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Thallium	6010B	SPR	50.6 %	75	125	

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100187-160	Soil	200310060415	MS	Vanadium	6010B	SPR	63.7 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Vanadium	6010B	SPR	58.6 %	75	125	
2003100187-160	Soil	200310060415	MS	Zinc	6010B	SPR	56.3 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100187-161	Soil	200310060415	MSD	Zinc	6010B	SPR	52.8 %	75	125	
2003100187-143	Water	200310060515	MB	Arsenic	6010B	Conc	0.00676 mg/L		ND	Flagging not required because arsenic was not detected in any sample within the batch.
2003100188-8	Water	200310060515	ER	Barium	6010B	Conc	0.0015 mg/L		ND	Flagging not required because all barium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Barium	6010B	Conc	0.0014 mg/L		ND	Flagging not required because all barium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100188-8	Water	200310060515	ER	Chromium	6010B	Conc	0.00034 mg/L		ND	Flagging not required because all chromium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Chromium	6010B	Conc	0.00047 mg/L		ND	Flagging not required because all chromium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100188-8	Water	200310060515	ER	Cobalt	6010B	Conc	0.00037 mg/L		ND	Flagging not required because all cobalt results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Cobalt	6010B	Conc	0.00045 mg/L		ND	Flagging not required because all cobalt results from the sampling group* were greater than 5 times the concentration in the ER .
2003100188-8	Water	200310060515	ER	Copper	6010B	Conc	0.013 mg/L		ND	Flagging not required because all copper results from the sampling group* were greater than 5 times the concentration in the ER .

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100187-5	Water	200310060515	ER	Copper	6010B	Conc	0.0084 mg/L		ND	Flagging not required because all copper results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Molybdenum	6010B	Conc	0.00051 mg/L		ND	Flagging not required because molybdenum was not detected in any samples from the sampling group* .
2003100188-8	Water	200310060515	ER	Nickel	6010B	Conc	0.00087 mg/L		ND	Flagging not required because all nickel results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-143	Water	200310060515	MB	Selenium	6010B	Conc	0.00507 mg/L			Flagging not required because arsenic was not detected in any sample within the batch.
2003100188-8	Water	200310060515	ER	Vanadium	6010B	Conc	0.00031 mg/L		ND	Flagging not required because all vanadium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Vanadium	6010B	Conc	0.00039 mg/L		ND	Flagging not required because all vanadium results from the sampling group* were greater than 5 times the concentration in the ER .
2003100188-8	Water	200310060515	ER	Zinc	6010B	Conc	0.0085 mg/L		ND	Flagging not required because all zinc results from the sampling group* were greater than 5 times the concentration in the ER .
2003100187-5	Water	200310060515	ER	Zinc	6010B	Conc	0.010 mg/L		ND	Flagging not required because all zinc results from the sampling group* were greater than 5 times the concentration in the ER .
2003110373-17	Soil	200311120115	MS	Zinc	6010B	SPR	64.3 %	75	125	Zinc results within batch will not be flagged based on MS/MSD because the MS/MSD parent sample is from the demolition site 1 area.
2003110373-18	Soil	200311120115	MSD	Zinc	6010B	SPR	64.2 %	75	125	
2003110476-1	Water	200311170215	ER	Copper	6010B	Conc	0.0085 mg/L		ND	Flagging not required because all copper results from the sampling group* were greater than 5 times the concentration in the ER .
2003110476-1	Water	200311170215	ER	Nickel	6010B	Conc	0.020 mg/L		ND	Flagging not required because all nickel results from the sampling group* were greater than 5 times the concentration in the ER .

Table C-1b
Summary of QC Sample Exceedances - Demolition Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003110476-1	Water	200311170215	ER	Thallium	6010B	Conc	0.0073 mg/L		ND	Flagging not required because thallium was not detected in any sample from the sampling group* .
2003110476-26	Water	200311180116	MS	Mercury	7470A	SPR	4.6 %	85	115	Mercury results within batch will be flagged with 'J' if detected and 'R' if not detected. However, results are for equipment rinsates (reporting limit 0.0002 mg/l). Assuming that the rinsates contain mercury to the reporting limit and that the recovery was only 5%, the amount in the samples would be .004 mg/l. No mercury was found in associated soil samples at concentrations of below 5 x .004, or .02 mg/kg and therefore no data flagging is required.
2003110476-27	Water	200311180116	MSD	Mercury	7470A	SPR	5.7 %	85	115	
2003110476-27	Water	200311180116	MSD	Mercury	7470A	RPD	21.4 %		20	
2003100874-sub-mb	Soil	Sub	MB	Strontium	6010B	Conc	0.11 mg/kg		ND	Flagging not required because all strontium results in the batch were greater than 5 times the concentration in the MB .

*Sampling group refers to samples from particular site area taken on the same day.

Conc - Concentration
DUP - Duplicate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
MB - Method Blank
mg/kg - milligram per kilogram
mg/l - milligram per liter
MS SUR - Surrogate of Matrix Spike
MSD SUR - Surrogate of Matrix Spike Duplicate
MSD - Matrix Spike Duplicate
MS - Matrix Spike
NC - Not Calculated
ND - not detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate
Temp - Sample temperature when sample arrived at laboratory

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G2J190188002	Water	2300139	FS	All 8330 Compounds	8330	HT	8 days		7	Flag 8330 results for sample with 'UJ' if not detected and 'J' if detected.
G2J270000139	Water	2300139	LCS	HMX	8330	SPR	82 %	85	118	Results will not be flagged because the SPR for the LCSD (93%) was within control limits.
G2J170400001	Soil	2302352	MS	Tetryl	8330	SPR	121 %	68	111	Flag Tetryl results for parent sample with 'J' if detected and 'UJ' if not detected.
G2J170400001	Soil	2302352	MSD	Tetryl	8330	RPD	24 %		16	
G2J300204001	Soil	2315426	MS	1,3,5-Trinitrobenzene	8330	SPR	NC	74	109	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	1,3,5-Trinitrobenzene	8330	SPR	NC	74	109	
G2J300204001	Soil	2315426	MS	1,3-Dinitrobenzene	8330	SPR	NC	74	107	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	1,3-Dinitrobenzene	8330	SPR	NC	74	107	
G2J300204001	Soil	2315426	MS	2,4,6-Trinitrotoluene	8330	SPR	NC	68	119	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
G2J300204001	Soil	2315426	MSD	2,4,6-Trinitrotoluene	8330	SPR	NC	68	119	
G2J300204001	Soil	2315426	MS	2,4-Dinitrotoluene	8330	SPR	NC	73	108	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	2,4-Dinitrotoluene	8330	SPR	NC	73	108	
G2J300204001	Soil	2315426	MS	2,6-Dinitrotoluene	8330	SPR	NC	71	108	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	2,6-Dinitrotoluene	8330	SPR	NC	71	108	

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G2J300204001	Soil	2315426	MS	2-Amino-4,6-dinitrotoluene	8330	SPR	NC	74	107	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	2-Amino-4,6-dinitrotoluene	8330	SPR	NC	74	107	
G2J300204001	Soil	2315426	MS	2-Nitrotoluene	8330	SPR	NC	70	114	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	2-Nitrotoluene	8330	SPR	NC	70	114	
G2J300204001	Soil	2315426	MS	3,4-Dinitrotoluene	8330	SPR	NC	58	113	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	3,4-Dinitrotoluene	8330	SPR	NC	58	113	
G2J300204001	Soil	2315426	SUR	3,4-Dinitrotoluene	8330	SPR	NC	58	113	
G2J300204001	Soil	2315426	MS	3-Nitrotoluene	8330	SPR	NC	71	109	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	3-Nitrotoluene	8330	SPR	NC	71	109	
G2J300204001	Soil	2315426	MS	4-Amino-2,6-dinitrotoluene	8330	SPR	NC	70	109	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	4-Amino-2,6-dinitrotoluene	8330	SPR	NC	70	109	
G2J300204001	Soil	2315426	MS	4-Nitrotoluene	8330	SPR	NC	73	112	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	4-Nitrotoluene	8330	SPR	NC	73	112	
G2J300204001	Soil	2315426	MS	HMX	8330	SPR	NC	70	111	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	HMX	8330	SPR	NC	70	111	

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G2J300204001	Soil	2315426	MS	Nitrobenzene	8330	SPR	NC	71	111	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	Nitrobenzene	8330	SPR	NC	71	111	
G2J300204001	Soil	2315426	MSD	PETN	8330	SPR	120 %	75	118	Data is not flagged because the MS SPR (113%) was within control limits.
G2J300204001	Soil	2315426	MS	RDX	8330	SPR	NC	73	109	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	RDX	8330	SPR	NC	73	109	
G2J300204001	Soil	2315426	MS	Tetryl	8330	SPR	NC	68	111	SPR and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.
G2J300204001	Soil	2315426	MSD	Tetryl	8330	SPR	NC	68	111	
G3A100217001	SOLID	3014183	MS	Antimony	6010B	SPR	40 %	80	108	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3A100217001	SOLID	3014183	MSD	Antimony	6010B	SPR	39 %	80	108	
G3A100217001	SOLID	3014183	MS	Chromium	6010B	SPR	179 %	87	116	Chromium results within batch will be flagged with 'J' if detected.
G3A100217001	SOLID	3014183	MSD	Chromium	6010B	SPR	135 %	87	116	
G3A100217001	SOLID	3014183	MS	Copper	6010B	SPR	%	85	110	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3A100217001	SOLID	3014183	MSD	Copper	6010B	SPR	%	85	110	
G3A100217001	SOLID	3014183	MS	Lead	6010B	SPR	48 %	85	110	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3A100217001	SOLID	3014183	MSD	Lead	6010B	SPR	296 %	85	110	
G3A100217001	SOLID	3014183	MSD	Lead	6010B	RPD	67 %		35	
G3A100217001	SOLID	3014183	MS	Nickel	6010B	SPR	119 %	84	106	Nickel results will not be flagged because MSD recovery was within control limits.

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3A100217001	SOLID	3014183	MS	Vanadium	6010B	SPR	139 %	89	112	Vanadium results within batch will be flagged with 'J' if detected.
G3A100217001	SOLID	3014183	MSD	Vanadium	6010B	SPR	142 %	89	112	
G3A100217001	SOLID	3014183	MS	Zinc	6010B	SPR	127 %	85	108	Zinc results within batch will be flagged with 'J' if detected.
G3A100217001	SOLID	3014183	MSD	Zinc	6010B	SPR	115 %	85	108	
G3A100217003	Water	3014194	ER	Chromium	6010B	Conc	0.00067 mg/L		ND	Flagging not required. Chromium was detected in field samples above 5 x detection in ER.
G3A100217001	SOLID	3015477	MSD	2,4,6-Trinitrotoluene	8330	SPR	210 %	77	110	2,4,6-Trinitrotoluene result in parent sample will be flagged with 'J' if detected and 'UJ' if not detected.
G3A100217001	SOLID	3015477	MSD	2,4,6-Trinitrotoluene	8330	RPD	74 %		22	
G3A100217001	SOLID	3015477	MS	Tetryl	8330	SPR	14 %	74	107	Tetryl result in parent sample will be flagged with 'J' if detected and 'R' if not detected.
G3A100217001	SOLID	3015477	MSD	Tetryl	8330	SPR	0 %	74	107	
G3A100217001	SOLID	3016247	MS	Mercury	7471A	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3A100217001	SOLID	3016247	MSD	Mercury	7471A	SPR	%	75	125	
G3B200000344	Water	3051344	LCS	1,3,5-Trinitrobenzene	8330	SPR	81 %	85	115	1,3,5-Trinitrobenzene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	1,3,5-Trinitrobenzene	8330	RPD	19 %		18	
G3B200000344	Water	3051344	LCS	1,3-Dinitrobenzene	8330	SPR	80 %	85	116	1,3-Dinitrobenzene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	1,3-Dinitrobenzene	8330	RPD	19 %		18	
G3B200000344	Water	3051344	LCS	2,4-Dinitrotoluene	8330	SPR	82 %	83	115	2,4-Dinitrotoluene results will not be flagged because LCSD recovery was within control limits.
G3B200000344	Water	3051344	LCS	2,6-Dinitrotoluene	8330	SPR	80 %	82	115	2,4-Dinitrotoluene results will not be flagged because LCSD recovery was within control limits.

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3B200000344	Water	3051344	LCSD	2-Amino-4,6-dinitrotoluene	8330	RPD	19 %		18	2-Amino-4,6-dinitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCS	2-Nitrotoluene	8330	SPR	75 %	78	116	2-Nitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	2-Nitrotoluene	8330	RPD	21 %		18	
G3B200000344	Water	3051344	LCS	3-Nitrotoluene	8330	SPR	75 %	81	113	3-Nitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	3-Nitrotoluene	8330	RPD	21 %		19	
G3B200000344	Water	3051344	LCSD	4-Amino-2,6-dinitrotoluene	8330	RPD	20 %		19	4-Amino-2,6-dinitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCS	4-Nitrotoluene	8330	SPR	73 %	83	116	4-Nitrotoluene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	4-Nitrotoluene	8330	RPD	22 %		20	
G3B200000344	Water	3051344	LCS	Nitrobenzene	8330	SPR	79 %	83	118	Nitrobenzene results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	Nitrobenzene	8330	RPD	22 %		18	
G3B200000344	Water	3051344	LCS	RDX	8330	SPR	80 %	83	113	RDX results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B200000344	Water	3051344	LCSD	RDX	8330	RPD	18 %		17	
G3B180256001	SOLID	3051373	MS	Antimony	6010B	SPR	34 %	80	108	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Antimony	6010B	SPR	32 %	80	108	
G3B180256001	SOLID	3051373	MS	Arsenic	6010B	SPR	75 %	83	107	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Arsenic	6010B	SPR	78 %	83	107	

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3B180256001	SOLID	3051373	MS	Barium	6010B	SPR	75 %	81	115	Barium results within batch will not be flagged because the MSD SPR was within control limits.
G3B180256001	SOLID	3051373	MS	Beryllium	6010B	SPR	79 %	87	111	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Beryllium	6010B	SPR	86 %	87	111	
G3B180256001	SOLID	3051373	MS	Cadmium	6010B	SPR	70 %	80	106	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Cadmium	6010B	SPR	75 %	80	106	
G3B180256001	SOLID	3051373	MS	Cobalt	6010B	SPR	78 %	84	108	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Cobalt	6010B	SPR	80 %	84	108	
G3B180256001	SOLID	3051373	MS	Copper	6010B	SPR	325 %	85	110	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Copper	6010B	SPR	705 %	85	110	
G3B180256001	SOLID	3051373	MSD	Copper	6010B	RPD	47 %		35	
G3B180256001	SOLID	3051373	MS	Lead	6010B	SPR	123 %	85	110	Lead results within batch will be flagged with 'J' if detected.
G3B180256001	SOLID	3051373	MSD	Lead	6010B	SPR	143 %	85	110	
G3B180256001	SOLID	3051373	MS	Molybdenum	6010B	SPR	78 %	86	112	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Molybdenum	6010B	SPR	80 %	86	112	
G3B180256001	SOLID	3051373	MS	Nickel	6010B	SPR	78 %	84	106	Nickel results will not be flagged because recovery of Nickel in the MSD was within control limits.
G3B180256001	SOLID	3051373	MS	Selenium	6010B	SPR	77 %	84	105	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Selenium	6010B	SPR	79 %	84	105	

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3B180256001	SOLID	3051373	MS	Silver	6010B	SPR	75 %	82	109	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Silver	6010B	SPR	77 %	82	109	
G3B180256001	SOLID	3051373	MS	Thallium	6010B	SPR	75 %	81	112	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3B180256001	SOLID	3051373	MSD	Thallium	6010B	SPR	78 %	81	112	
G3B180256001	SOLID	3051373	MS	Zinc	6010B	SPR	60 %	85	108	Zinc results will not be flagged because the recovery of Zinc in the MSD was within control limits.
G3B180256001	SOLID	3059345	MS	Mercury	7471A	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3B180256001	SOLID	3059345	MSD	Mercury	7471A	SPR	%	75	125	
G3B180256001	SOLID	3062407	MS	2,4,6-Trinitrotoluene	8330	SPR	0 %	77	110	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3B180256001	SOLID	3062407	MSD	2,4,6-Trinitrotoluene	8330	SPR	0 %	77	110	
G3B180256001	SOLID	3062407	MS	2,6-Dinitrotoluene	8330	SPR	111 %	76	108	2,6-DNT results will not be flagged because the recovery in the MSD was within control limits.
G3B180256001	SOLID	3062407	MS	2-Amino-4,6-dinitrotoluene	8330	SPR	133 %	76	109	2-Amino-4,6-dinitrotoluene result in parent sample will be flagged with 'J' if detected.
G3B180256001	SOLID	3062407	MSD	2-Amino-4,6-dinitrotoluene	8330	SPR	122 %	76	109	
G3B180256001	SOLID	3062407	MS	4-Amino-2,6-dinitrotoluene	8330	SPR	0 %	75	112	4-Amino-2,6-dinitrotoluene result in parent sample will be flagged with 'J' if detected and 'R' if not detected.
G3B180256001	SOLID	3062407	MSD	4-Amino-2,6-dinitrotoluene	8330	SPR	0 %	75	112	
G3B180256001	SOLID	3062407	MS	Tetryl	8330	SPR	73 %	74	107	Tetryl results will not be flagged because the recovery in the MSD was within control limits.
2002100100-2	Water	200210080115	ER	Arsenic	6010B	Conc	0.0052 mg/L		ND	Data flagging not required. Sample results were greater than 5 times ER concentration.
2002100100-2	Water	200210080115	ER	Nickel	6010B	Conc	0.019 mg/L		ND	

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2002100391-28	Soil	200210210116	MS	Mercury	7471A	SPR	116 %	85	115	Flag Mercury results in batch with 'J' if detected.
2002100391-29	Soil	200210210116	MSD	Mercury	7471A	SPR	117.2 %	85	115	
2002100581-71	Soil	200210300215	MS	Antimony	6010B	SPR	44.4 %	75	125	Flag all Antimony results in batch with 'J' if they are detected and 'UJ' if they are not detected.
2002100581-72	Soil	200210300215	MSD	Antimony	6010B	SPR	44 %	75	125	
2002100581-71	Soil	200210300215	MS	Copper	6010B	SPR	2323.5 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002100581-72	Soil	200210300215	MSD	Copper	6010B	SPR	2382.4 %	75	125	
2002100581-71	Soil	200210300215	MS	Lead	6010B	SPR	250 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002100581-72	Soil	200210300215	MSD	Lead	6010B	RPD	23.2 %		20	
2002100581-72	Soil	200210300215	MSD	Lead	6010B	SPR	315.7 %	75	125	
2002100581-71	Soil	200210300215	MS	Zinc	6010B	SPR	660.8 %	75	125	Flag Zinc results in batch with 'J' if detected.
2002100581-72	Soil	200210300215	MSD	Zinc	6010B	RPD	135.7 %		20	
2002100581-72	Soil	200210300215	MSD	Zinc	6010B	SPR	126.5 %	75	125	
2002100581-15	Soil	200210300216	MS	Mercury	7471A	SPR	121.4 %	85	115	Flag Mercury results in batch with 'J' if detected.
2002100581-16	Soil	200210300216	MSD	Mercury	7471A	SPR	122.4 %	85	115	
2002120126-2	Water	200212100115	ER	Copper	6010B	Conc	0.0074 mg/L		ND	Flagging not required. Copper was detected in field samples above 5 x detection in ER.
2002120126-56	Soil	200212110116	MS	Mercury	7471A	SPR	44.4 %	85	115	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2002120126-57	Soil	200212110116	MSD	Mercury	7471A	SPR	56 %	85	115	

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Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2002120126-57	Soil	200212110116	MSD	Mercury	7471A	RPD	23.1 %		20	
2002120126-71	Soil	200212110415	MS	Antimony	6010B	SPR	37 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Antimony	6010B	SPR	35.1 %	75	125	
2002120126-71	Soil	200212110415	MS	Arsenic	6010B	SPR	57 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Arsenic	6010B	SPR	57 %	75	125	
2002120126-71	Soil	200212110415	MS	Barium	6010B	SPR	61.2 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Barium	6010B	SPR	46.9 %	75	125	
2002120126-72	Soil	200212110415	MSD	Barium	6010B	RPD	26.5 %		20	
2002120126-71	Soil	200212110415	MS	Beryllium	6010B	SPR	72.4 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Beryllium	6010B	SPR	67 %	75	125	
2002120126-71	Soil	200212110415	MS	Cadmium	6010B	SPR	68.9 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Cadmium	6010B	SPR	63.5 %	75	125	
2002120126-71	Soil	200212110415	MS	Chromium	6010B	SPR	68.1 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Chromium	6010B	SPR	60.3 %	75	125	
2002120126-71	Soil	200212110415	MS	Cobalt	6010B	SPR	66.1 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Cobalt	6010B	SPR	58.6 %	75	125	
2002120126-71	Soil	200212110415	MS	Copper	6010B	SPR	154.1 %	75	125	MS/MSD was not evaluated because the parent sample result

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
										was more than 4 times the spike concentration.
2002120126-72	Soil	200212110415	MSD	Copper	6010B	SPR	-212.2 %	75	125	
2002120126-71	Soil	200212110415	MS	Lead	6010B	SPR	68.4 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Lead	6010B	SPR	40.8 %	75	125	
2002120126-72	Soil	200212110415	MSD	Lead	6010B	RPD	50.5 %		20	
2002120126-71	Soil	200212110415	MS	Molybdenum	6010B	SPR	66.8 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Molybdenum	6010B	SPR	60.9 %	75	125	
2002120126-71	Soil	200212110415	MS	Nickel	6010B	SPR	66.4 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Nickel	6010B	SPR	58.3 %	75	125	
2002120126-71	Soil	200212110415	MS	Selenium	6010B	SPR	68.3 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Selenium	6010B	SPR	62.1 %	75	125	
2002120126-71	Soil	200212110415	MS	Silver	6010B	SPR	73.1 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Silver	6010B	SPR	67 %	75	125	
2002120126-71	Soil	200212110415	MS	Thallium	6010B	SPR	63.8 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Thallium	6010B	SPR	58.2 %	75	125	
2002120126-71	Soil	200212110415	MS	Vanadium	6010B	SPR	69.2 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2002120126-72	Soil	200212110415	MSD	Vanadium	6010B	SPR	60 %	75	125	
2002120126-71	Soil	200212110415	MS	Zinc	6010B	SPR	64.5 %	75	125	Zinc results within batch will be flagged with 'J' if detected and

Table C-1c

Summary of QC Sample Exceedances - SS-SWBP-018, SS-SWBP-020 through 029
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2002120126-72	Soil	200212110415	MSD	Zinc	6010B	SPR	57.3 %	75	125	'UJ' if not detected.

Notes:

Conc - Concentration
DUP - Duplicate
ER - Equipment Rinsate
FS - Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
LCS SUR - Surrogate of LCS
MB - Method Blank
mg/kg - milligram per kilogram
mg/l - milligram per liter
MS - Matrix Spike
MS SUR - Surrogate of MS
MSD - Matrix Spike Duplicate
MSD SUR - Surrogate of MSD
NA - not applicable
NC - Not Calculated
ND - Not Detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate
Temp - Cooler temperature when sample arrived at laboratory
ug/L - microgram per liter

[a] Approximate result - concentration is less than the reporting limit but greater than or equal to the instrument detection limit.

[b] Complete duplicate results are presented in Duplicate Summary Table.

* Exceedances for MS/MSD were due to matrix interferences, confirmed by reanalysis. Sample heterogeneity may be responsible for exceedances. Negative values for SPR occur when the MS or MSD concentration is less than the parent sample analyte concentration.

[1] All samples sent to STL Sacramento from STL San Francisco were received at 10 degrres celcius. STL San Francisco reported that the samples warmed while they were being split so that a portion of each sample could be sent to STL Sacramento, and that the samples had not yet cooled down again when STL Sacramento received them.

[2] Surrogate recovery was not calculated because the sample was diluted beyond the ability to quantitate a recovery.

[3] The recoveries and RPD were not calculated because the sample was diluted beyond the ability to quantitate a recovery.

Table C-1d
Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3H150403002	SOLID	3231511	SUR	13C-2,3,7,8-TCDD	8290	SPR	39 %	40	135	Data will not be flagged because the seven other surrogates (internal standards) were within limits. Also, the signal to noise ratios for all internal standards were greater than 10:1, indicating that the low recoveries have no adverse affect on the data.
G3H150403002	SOLID	3231511	SUR	13C-2,3,7,8-TCDF	8290	SPR	38 %	40	135	
G3H150403003	SOLID	3231511	SUR	13C-2,3,7,8-TCDD	8290	SPR	36 %	40	135	Data will not be flagged because the five other surrogates (internal standards) were within limits. Also, the signal to noise ratios for all internal standards were greater than 10:1, indicating that the low recoveries have no adverse affect on the data.
G3H150403003	SOLID	3231511	SUR	13C-2,3,7,8-TCDF	8290	SPR	36 %	40	135	
D3H160179001	SOLID	3232593	MS	Barium - TOTAL	6010B	SPR	170 %	52	159	Data will not be flagged because the SPR of the MSD is within control limits.
D3H160179001	SOLID	3232593	MS	Copper - TOTAL	6010B	SPR	%	37	187	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
D3H160179001	SOLID	3232593	MSD	Copper - TOTAL	6010B	SPR	%	37	187	
D3H160179001	SOLID	3232593	MS	Nickel - TOTAL	6010B	SPR	129 %	61	126	Data will not be flagged because the SPR of the MSD is within control limits.
D3H160179021	SOLID	3232594	MSD	Lead - TOTAL	6010B	SPR	69 %	70	200	Data will not be flagged because the SPR of the MS is within control limits.
G3I250349009	SOLID	3269524	SUR	13C-1,2,3,4,6,7,8-HpCDF	8290	SPR	29 %	40	135	Data will not be flagged because the five other surrogates (internal standards) were within limits. Also, the signal to noise ratios for all internal standards were greater than 10:1, indicating that the low recoveries have no adverse affect on the data.
G3I250349009	SOLID	3269524	SUR	13C-1,2,3,7,8-PeCDD	8290	SPR	33 %	40	135	
G3I250349009	SOLID	3269524	SUR	13C-1,2,3,7,8-PeCDF	8290	SPR	34 %	40	135	
G3I250349009	SOLID	3269524	SUR	13C-OCDD	8290	SPR	39 %	40	135	

Table C-1d
Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003080581-24	Soil	200308190316	MS	Mercury	7471A	SPR	119 %	85	115	Data will not be flagged because the SPR of the MSD is within control limits.
2003080581-24	Soil	200308190415	MS	Antimony	6010B	SPR	21.3 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003080581-25	Soil	200308190415	MSD	Antimony	6010B	SPR	23 %	75	125	
2003080581-24	Soil	200308190415	MS	Arsenic	6010B	SPR	73.5 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Arsenic	6010B	SPR	72.7 %	75	125	
2003080581-24	Soil	200308190415	MS	Lead	6010B	SPR	71.8 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Lead	6010B	SPR	72.4 %	75	125	
2003080581-24	Soil	200308190415	MS	Molybdenum	6010B	SPR	68.9 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Molybdenum	6010B	SPR	70.4 %	75	125	
2003080581-25	Soil	200308190415	MSD	Nickel	6010B	SPR	74.2 %	75	125	Data will not be flagged because the SPR of the MS is within control limits.
2003080581-24	Soil	200308190415	MS	Selenium	6010B	SPR	51.7 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Selenium	6010B	SPR	51.6 %	75	125	
2003080581-24	Soil	200308190415	MS	Thallium	6010B	SPR	71.8 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Thallium	6010B	SPR	73 %	75	125	
2003080581-25	Soil	200308190415	MSD	Vanadium	6010B	SPR	74.4 %	75	125	Data will not be flagged because the SPR of the MS is within control limits.

Table C-1d
Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003080581-24	Soil	200308190415	MS	Zinc	6010B	SPR	69 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003080581-25	Soil	200308190415	MSD	Zinc	6010B	SPR	66.8 %	75	125	
2003080581-7	Water	200308200115	ER	Lead	6010B	Conc	0.0051 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-37	Soil	200309260515	MS	Antimony	6010B	SPR	26.7 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003090973-38	Soil	200309260515	MSD	Antimony	6010B	SPR	19.9 %	75	125	
2003090973-38	Soil	200309260515	MSD	Antimony	6010B	RPD	29.2 %		20	
2003090973-37	Soil	200309260515	MS	Arsenic	6010B	SPR	63.6 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Arsenic	6010B	SPR	54.9 %	75	125	
2003090973-37	Soil	200309260515	MS	Barium	6010B	SPR	43.9 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Barium	6010B	SPR	45.5 %	75	125	
2003090973-37	Soil	200309260515	MS	Beryllium	6010B	SPR	69.8 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Beryllium	6010B	SPR	69 %	75	125	
2003090973-37	Soil	200309260515	MS	Cadmium	6010B	SPR	66.1 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Cadmium	6010B	SPR	64.6 %	75	125	

Table C-1d
Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003090973-37	Soil	200309260515	MS	Chromium	6010B	SPR	65 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Chromium	6010B	SPR	63.5 %	75	125	
2003090973-37	Soil	200309260515	MS	Cobalt	6010B	SPR	67.3 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Cobalt	6010B	SPR	66.4 %	75	125	
2003090973-37	Soil	200309260515	MS	Copper	6010B	SPR	62.4 %	75	125	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Copper	6010B	SPR	59 %	75	125	
2003090973-37	Soil	200309260515	MS	Lead	6010B	SPR	63.5 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Lead	6010B	SPR	63.1 %	75	125	
2003090973-37	Soil	200309260515	MS	Molybdenum	6010B	SPR	59.6 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Molybdenum	6010B	SPR	52.4 %	75	125	
2003090973-37	Soil	200309260515	MS	Nickel	6010B	SPR	62.3 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Nickel	6010B	SPR	61.6 %	75	125	
2003090973-37	Soil	200309260515	MS	Selenium	6010B	SPR	56.7 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Selenium	6010B	SPR	46.2 %	75	125	
2003090973-38	Soil	200309260515	MSD	Selenium	6010B	RPD	20.4 %		20	

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Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003090973-37	Soil	200309260515	MS	Silver	6010B	SPR	72.2 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Silver	6010B	SPR	70.1 %	75	125	
2003090973-37	Soil	200309260515	MS	Thallium	6010B	SPR	65.3 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Thallium	6010B	SPR	63.2 %	75	125	
2003090973-37	Soil	200309260515	MS	Vanadium	6010B	SPR	56.1 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Vanadium	6010B	SPR	51.7 %	75	125	
2003090973-37	Soil	200309260515	MS	Zinc	6010B	SPR	53.2 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003090973-38	Soil	200309260515	MSD	Zinc	6010B	SPR	49.7 %	75	125	
2003090973-15	Soil	200309290116	MS	Mercury	7471A	SPR	-56.6 %	85	115	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003090973-16	Soil	200309290116	MSD	Mercury	7471A	SPR	-26 %	85	115	
2003090973-10	Water	200309290315	ER	Barium	6010B	Conc	0.00033 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-10	Water	200309290315	ER	Cadmium	6010B	Conc	0.00060 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-10	Water	200309290315	ER	Chromium	6010B	Conc	0.0029 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-10	Water	200309290315	ER	Cobalt	6010B	Conc	0.0029 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-10	Water	200309290315	ER	Nickel	6010B	Conc	0.00099 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.

Table C-1d
Summary of QC Sample Exceedances - Flare Site 1
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003090973-10	Water	200309290315	ER	Selenium	6010B	Conc	0.0045 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.
2003090973-10	Water	200309290315	ER	Zinc	6010B	Conc	0.0075 mg/L		ND	Data will not be flagged because no soil sampled on the same day as the ER contained detectable concentrations less than 5 x Conc.

Conc- Concentration
DUP - Duplicate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS-Laboratory Control Spike
MB-Method Blank
mg/kg-milligram per kilogram
mg/l - milligram per liter
MS SUR-Surrogate of Matrix Spike
MSD SUR-Surrogate of Matrix Spike Duplicate
MSD-Matrix Spike Duplicate
MS-Matrix Spike
NC - Not Calculated
ND - not detected
RL - Reporting Limit
SPR- Spike Percent Recovery
SUR-Surrogate
Temp - Sample temperature when sample arrived at laboratory

* 44 days before extraction, and 4 days between extraction and analyses.
**30 days before extraction, and 45 days between extraction and analyses.

Table C-1e
Summary of QC Sample Exceedances - Flare Site 2
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G2I050242001	Soil	2276222		Total phosphorus	365.3	HT	36 days		28	Flag total phosphorus result in associated batch with 'J'.
G2I050242002	Water	2269296	MS	Total phosphorus	365.3	SPR	44 %	80	120	Flag results for total phosphorus in associated batch with 'J' if detected and 'UJ' if not detected.
G2I050242002	Water	2269296	MSD	Total phosphorus	365.3	SPR	50 %	80	120	
D3J030000598	SOLID	3276598	MB	Strontium	6010B	Conc	0.065 mg/kg			The strontium result in the batch will not be flagged because it was more than 5 times the concentration in the method blank.
D3I270148001	SOLID	3275499	MSD	Cobalt	6010B	SPR	67 %	72	106	Results will not be flagged because the SPR of the MS was within control limits.
D3I300235001	SOLID	3276598	MSD	Barium	6010B	SPR	243 %	52	159	Results will not be flagged because the SPR of the MS was within control limits.
2002090104-4	Soil	200209090118	MS SUR	1-Methyl naphthalene	8310	SPR	40 %	50	150	Exceedance caused by matrix interference as confirmed by reanalyses. Results will not be flagged due to surrogate exceedance.
2002090104-4	Soil	200209090118	MS	Naphthalene	8310	SPR	36.5 %	50	150	Results will not be flagged because SPR results in MSD were within acceptable limits.
2002090104-5	Soil	200209090118	MSD	Benzo(a)pyrene	8310	RPD	40.799999 %		35	Flag results for benzo(a)pyrene in associated batch with 'J' if detected and 'UJ' if not detected.
2002090104-5	Soil	200209090118	MSD	Naphthalene	8310	RPD	49.200001 %		35	Flag napthalene results in associated batch with 'J' if detected and 'UJ' if not detected.
2002090104-2	Water	200209090218	LCS	Naphthalene	8310	SPR	46.200001 %	50	150	Flag results for napthalene in associated batch with 'J' if detected and 'UJ' if not detected.
2002090104-3	Water	200209090218	LCSD	Naphthalene	8310	RPD	71.199997 %		35	
2002090104-3	Water	200209190315	EB	Calcium	6010B	Conc	0.28 mg/L		ND	No flags required because calcium and chromium detections in associated batch are greater than 5 times the EB conc.
2002090104-3	Water	200209190315	EB	Chromium	6010B	Conc	0.11 mg/L		ND	
2003100719-53	Soil	200310210215	MS	Aluminum	6010B	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003100719-54	Soil	200310210215	MSD	Aluminum	6010B	SPR	%	75	125	
2003100719-54	Soil	200310210215	MSD	Aluminum	6010B	RPD	%		20	
2003100719-53	Soil	200310210215	MS	Antimony	6010B	SPR	18.7 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003100719-54	Soil	200310210215	MSD	Antimony	6010B	SPR	17.9 %	75	125	
2003100719-53	Soil	200310210215	MS	Arsenic	6010B	SPR	74.7 %	75	125	Results will not be flagged because the SPR of the MSD was within control limits.

Table C-1e
Summary of QC Sample Exceedances - Flare Site 2
Tourtelot Property, Benicia, California

2003100719-53	Soil	200310210215	MS	Barium	6010B	SPR	71.3 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Barium	6010B	SPR	68.6 %	75	125	
2003100719-53	Soil	200310210215	MS	Cadmium	6010B	SPR	69.1 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Cadmium	6010B	SPR	69.5 %	75	125	
2003100719-53	Soil	200310210215	MS	Calcium	6010B	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003100719-54	Soil	200310210215	MSD	Calcium	6010B	SPR	%	75	125	
2003100719-53	Soil	200310210215	MS	Chromium	6010B	SPR	73.2 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Chromium	6010B	SPR	74.6 %	75	125	
2003100719-53	Soil	200310210215	MS	Iron	6010B	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003100719-54	Soil	200310210215	MSD	Iron	6010B	SPR	%	75	125	
2003100719-53	Soil	200310210215	MS	Lead	6010B	SPR	66.7 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Lead	6010B	SPR	68.3 %	75	125	
2003100719-54	Soil	200310210215	MSD	Magnesium	6010B	RPD	23 %		20	Magnesium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-53	Soil	200310210215	MS	Manganese	6010B	SPR	%	75	125	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
2003100719-54	Soil	200310210215	MSD	Manganese	6010B	SPR	%	75	125	
2003100719-53	Soil	200310210215	MS	Molybdenum	6010B	SPR	64.8 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Molybdenum	6010B	SPR	64.7 %	75	125	
2003100719-53	Soil	200310210215	MS	Nickel	6010B	SPR	64.6 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Nickel	6010B	SPR	64.3 %	75	125	
2003100719-53	Soil	200310210215	MS	Selenium	6010B	SPR	69.8 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Selenium	6010B	SPR	69.8 %	75	125	
2003100719-53	Soil	200310210215	MS	Thallium	6010B	SPR	50.2 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100719-54	Soil	200310210215	MSD	Thallium	6010B	SPR	48.3 %	75	125	

Table C-1e
Summary of QC Sample Exceedances - Flare Site 2
Tourtelot Property, Benicia, California

2003100719-54	Soil	200310210215	MSD	Zinc	6010B	SPR	69.2 %	75	125	Results will not be flagged because the SPR of the MS was within control limits.
2003100719-18	Soil	200310210216	MSD	Mercury	7471A	SPR	118.7 %	85	115	Results will not be flagged because the SPR of the MS was within control limits.

Conc - Concentration
DUP - Duplicate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
MB - Method Blank
mg/kg - milligram per kilogram
mg/l - milligram per liter
MS SUR - Surrogate of Matrix Spike
MSD SUR - Surrogate of Matrix Spike Duplicate
MSD - Matrix Spike Duplicate
MS - Matrix Spike
NC - Not Calculated
ND - not detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate
Temp - Sample temperature when sample arrived at laboratory

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2002110377-3	Water	200211180710	SUR	o-Terphenyl	8015M	SPR	54.599998 %	60	130	Flag parent sample TEPH (8015M) results with 'J' if detected and 'UJ' if not detected.
2002110377-3	Water	200211190115	ER	Thallium	6010B	Conc	0.0055 mg/L		ND	Flagging not required because all Thallium results for soil samples were ND.
2002110377-43	Soil	200211210315	MS	Aluminum	6010B	SPR	-896 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Aluminum	6010B	SPR	-1151.5 %	75	125	
2002110377-44	Soil	200211210315	MSD	Aluminum	6010B	RPD	-25 %	75	125	
2002110377-43	Soil	200211210315	MS	Antimony	6010B	SPR	-45.299999 %	75	125	Antimony results in associated batch will be flagged with 'J' if detected and 'R' if not detected.*
2002110377-44	Soil	200211210315	MSD	Antimony	6010B	RPD	1008.9 %		20	
2002110377-44	Soil	200211210315	MSD	Antimony	6010B	SPR	67.699997 %	75	125	
2002110377-43	Soil	200211210315	MS	Barium	6010B	SPR	-350.20001 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Barium	6010B	SPR	-929.29999 %	75	125	
2002110377-44	Soil	200211210315	MSD	Barium	6010B	RPD	-90 %	75	125	
2002110377-43	Soil	200211210315	MS	Cadmium	6010B	SPR	22593.199 %	75	125	Cadmium results in associated batch will be flagged with 'J' if detected and 'UJ' if not detected.*
2002110377-44	Soil	200211210315	MSD	Cadmium	6010B	RPD	198.8 %		20	
2002110377-44	Soil	200211210315	MSD	Cadmium	6010B	SPR	66.699997 %	75	125	
2002110377-43	Soil	200211210315	MS	Calcium	6010B	SPR	65.900002 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Calcium	6010B	SPR	-89.900002 %	75	125	
2002110377-44	Soil	200211210315	MSD	Calcium	6010B	RPD	-129 %	75	125	
2002110377-44	Soil	200211210315	MSD	Chromium	6010B	RPD	50.700001 %		20	Chromium results in associated batch will be flagged with 'J' if detected and 'UJ' if not detected. *
2002110377-44	Soil	200211210315	MSD	Chromium	6010B	SPR	51.5 %	75	125	
2002110377-43	Soil	200211210315	MS	Copper	6010B	SPR	22605.6 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Copper	6010B	RPD	195.39999 %		20	
2002110377-44	Soil	200211210315	MSD	Copper	6010B	SPR	262.60001 %	75	125	
2002110377-43	Soil	200211210315	MS	Iron	6010B	SPR	-3542.7 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Iron	6010B	SPR	1616.2 %	75	125	
2002110377-44	Soil	200211210315	MSD	Iron	6010B	RPD	-535 %	75	125	

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2002110377-43	Soil	200211210315	MS	Lead	6010B	SPR	14315.1 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Lead	6010B	RPD	183.8 %		20	
2002110377-44	Soil	200211210315	MSD	Lead	6010B	SPR	606.09998 %	75	125	
2002110377-43	Soil	200211210315	MS	Magnesium	6010B	SPR	-216.3 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Magnesium	6010B	SPR	-596 %	75	125	
2002110377-44	Soil	200211210315	MSD	Magnesium	6010B	RPD	-93 %	75	125	
2002110377-43	Soil	200211210315	MS	Manganese	6010B	SPR	-415 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Manganese	6010B	SPR	-101 %	75	125	
2002110377-44	Soil	200211210315	MSD	Manganese	6010B	SPR	-101 %	75	125	
2002110377-43	Soil	200211210315	MS	Nickel	6010B	SPR	73.099998 %	75	125	Nickel results in associated batch will be flagged with 'J' if detected and 'UJ' if not detected. *
2002110377-44	Soil	200211210315	MSD	Nickel	6010B	RPD	100.5 %		20	
2002110377-44	Soil	200211210315	MSD	Nickel	6010B	SPR	24.200001 %	75	125	
2002110377-44	Soil	200211210315	MSD	Potassium	6010B	SPR	74.699997 %	75	125	Data not flagged because the SPR for the MS is 80.7, within control limits.
2002110377-128	Soil	200211210315	MB	Sodium	6010B	Conc	58.7 mg/Kg			Flagging not required because sodium concentration in sample was greater than 5 times MB Conc.
2002110377-43	Soil	200211210315	MS	Zinc	6010B	SPR	6941.2998 %	75	125	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
2002110377-44	Soil	200211210315	MSD	Zinc	6010B	RPD	93.099998 %		20	
2002110377-44	Soil	200211210315	MSD	Zinc	6010B	SPR	19030.301 %	75	125	
2003100873-61	Soil	200310270715	MS	Antimony	6010B	SPR	41 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Antimony	6010B	SPR	41.4 %	75	125	
2003100873-61	Soil	200310270715	MS	Arsenic	6010B	SPR	74 %	75	125	Results will not be flagged because the SPR of the MS was within control limits.
2003100873-61	Soil	200310270715	MS	Beryllium	6010B	SPR	72.4 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Beryllium	6010B	SPR	73.9 %	75	125	
2003100873-61	Soil	200310270715	MS	Cadmium	6010B	SPR	69.9 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Cadmium	6010B	SPR	70.7 %	75	125	

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100873-61	Soil	200310270715	MS	Chromium	6010B	SPR	72.6 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Chromium	6010B	SPR	72.5 %	75	125	
2003100873-61	Soil	200310270715	MS	Cobalt	6010B	SPR	73.5 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Cobalt	6010B	SPR	74.1 %	75	125	
2003100873-61	Soil	200310270715	MS	Lead	6010B	SPR	68.7 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Lead	6010B	SPR	70.5 %	75	125	
2003100873-61	Soil	200310270715	MS	Molybdenum	6010B	SPR	68.4 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Molybdenum	6010B	SPR	69.5 %	75	125	
2003100873-61	Soil	200310270715	MS	Nickel	6010B	SPR	70.6 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Nickel	6010B	SPR	71.3 %	75	125	
2003100873-61	Soil	200310270715	MS	Selenium	6010B	SPR	68.2 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Selenium	6010B	SPR	70.1 %	75	125	
2003100873-61	Soil	200310270715	MS	Thallium	6010B	SPR	68.2 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Thallium	6010B	SPR	68.7 %	75	125	
2003100873-61	Soil	200310270715	MS	Zinc	6010B	SPR	66.1 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100873-62	Soil	200310270715	MSD	Zinc	6010B	SPR	67.7 %	75	125	
2003101011-30	Soil	200310300116	MSD	Mercury	7471A	SPR	83.6 %	85	115	Results will not be flagged because the SPR of the MS was within control limits.
2003101011-73	Soil	200310300215	MS	Antimony	6010B	SPR	7.7 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003101011-74	Soil	200310300215	MSD	Antimony	6010B	SPR	9.2 %	75	125	
2003101011-73	Soil	200310300215	MS	Arsenic	6010B	SPR	63.7 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Arsenic	6010B	SPR	62.8 %	75	125	
2003101011-73	Soil	200310300215	MS	Barium	6010B	SPR	62.8 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Barium	6010B	SPR	63.6 %	75	125	
2003101011-73	Soil	200310300215	MS	Beryllium	6010B	SPR	63.5 %	75	125	Beryllium results within batch will be flagged with 'J' if detected

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
										and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Beryllium	6010B	SPR	63.5 %	75	125	
2003101011-73	Soil	200310300215	MS	Cadmium	6010B	SPR	60.1 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Cadmium	6010B	SPR	59.6 %	75	125	
2003101011-73	Soil	200310300215	MS	Chromium	6010B	SPR	61.9 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Chromium	6010B	SPR	61.1 %	75	125	
2003101011-73	Soil	200310300215	MS	Cobalt	6010B	SPR	60.4 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Cobalt	6010B	SPR	60.5 %	75	125	
2003101011-73	Soil	200310300215	MS	Copper	6010B	SPR	69.3 %	75	125	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Copper	6010B	SPR	69.4 %	75	125	
2003101011-73	Soil	200310300215	MS	Lead	6010B	SPR	58.2 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Lead	6010B	SPR	58.1 %	75	125	
2003101011-73	Soil	200310300215	MS	Molybdenum	6010B	SPR	53.2 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Molybdenum	6010B	SPR	53.6 %	75	125	
2003101011-73	Soil	200310300215	MS	Nickel	6010B	SPR	59.3 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Nickel	6010B	SPR	59.2 %	75	125	
2003101011-73	Soil	200310300215	MS	Selenium	6010B	SPR	59.4 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Selenium	6010B	SPR	58.7 %	75	125	
2003101011-73	Soil	200310300215	MS	Silver	6010B	SPR	67.5 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Silver	6010B	SPR	67.2 %	75	125	
2003101011-73	Soil	200310300215	MS	Thallium	6010B	SPR	49.1 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Thallium	6010B	SPR	49.2 %	75	125	
2003101011-73	Soil	200310300215	MS	Vanadium	6010B	SPR	65.6 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Vanadium	6010B	SPR	65.5 %	75	125	

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003101011-73	Soil	200310300215	MS	Zinc	6010B	SPR	57.3 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101011-74	Soil	200310300215	MSD	Zinc	6010B	SPR	57.1 %	75	125	
G2K190283003	Water	2325542	ER	1,3,5-Trinitrobenzene	8330	Conc	0.041 ug/L		ND	Data not flagged due to ER detection because 1,3,5-TNB was ND in sample SS-SVF3-003 and was detected at a concentration greater than 5 times the ER Conc. in sample SS-SVF3-004.
G2K190283001	Soil	2329549	SUR	13C-1,2,3,4,7,8-HxCDF	8290	SPR	39 %	40	135	Flag parent sample 8290 results with 'J' if detected and 'UJ' if not detected.
G2K190283002	Soil	2329549	SUR	13C-1,2,3,4,7,8-HxCDF	8290	SPR	33 %	40	135	
G2K250000549	Soil	2329549	LCS SUR	13C-2,3,7,8-TCDF	8290	SPR	36 %	40	135	Data not flagged due to exceedance of LCS surrogate spike recovery because target analyte SPRs were within laboratory QC limits.
G2L050000370	Soil	2339370	MB	Nitrate/Nitrite	353.2	Conc	0.10 mg/kg			Flag nitrate/nitrite results with 'UJ' because they are less than 5 times Conc.
G2K190283003	Water	2339371	ER	Nitrate-Nitrite	353.2	Conc	0.021 mg/L		ND	Data not flagged due to ER detection because all results for soil samples were greater than 5 times the ER Conc.
G2K190283002	Soil	2353223	FS	Total phosphorus	365.3	HT	36 days		28	Total phosphorus results will be flagged with 'J'.
G2K190283002	Soil	2353223	FS	Total phosphorus	365.3	HT	36 days		28	
G2K190283002	Soil	2353223	MS	Total phosphorus	365.3	SPR	4180 %	80	120	Data are not flagged. MS/MSD not evaluated because parent sample result is greater than 4 times the spike concentration. *
G2K190283002	Soil	2353223	MSD	Total phosphorus	365.3	SPR	4000 %	80	120	
G3F130319001	SOLID	3168307	MS	Aluminum	6010B	SPR	%	83	118	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3F130319001	SOLID	3168307	MSD	Aluminum	6010B	SPR	%	83	118	
G3F130319001	SOLID	3168307	MS	Antimony	6010B	SPR	38 %	80	108	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3F130319001	SOLID	3168307	MSD	Antimony	6010B	SPR	39 %	80	108	
G3F130319001	SOLID	3168307	MS	Barium	6010B	SPR	130 %	81	115	Barium results within batch will be flagged with 'J' if detected.
G3F130319001	SOLID	3168307	MSD	Barium	6010B	SPR	168 %	81	115	
G3F130319001	SOLID	3168307	MS	Beryllium	6010B	SPR	84 %	87	111	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3F130319001	SOLID	3168307	MSD	Beryllium	6010B	SPR	83 %	87	111	
G3F170000307	SOLID	3168307	MB	Calcium	6010B	Conc	4.5 mg/kg			Data will not be flagged because calcium was not detected in batch below 5 x the concentration in the MB.
G3F130319001	SOLID	3168307	MSD	Calcium	6010B	SPR	81 %	86	111	Calcium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3F170000307	SOLID	3168307	MB	Chromium	6010B	Conc	0.061 mg/kg			Chromium results within batch will be flagged with 'J' if detected, due to SPR exceedance. Chromium was not detected below 5 x the concentration in the MB.
G3F130319001	SOLID	3168307	MS	Chromium	6010B	SPR	118 %	87	116	
G3F130319001	SOLID	3168307	MSD	Chromium	6010B	SPR	123 %	87	116	
G3F130319001	SOLID	3168307	MS	Copper	6010B	SPR	309 %	85	110	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3F130319001	SOLID	3168307	MSD	Copper	6010B	SPR	150 %	85	110	
G3F130319001	SOLID	3168307	MSD	Copper	6010B	RPD	37 %		35	
G3F130319001	SOLID	3168307	MS	Iron	6010B	SPR	%	61	141	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3F130319001	SOLID	3168307	MSD	Iron	6010B	SPR	%	61	141	
G3F130319001	SOLID	3168307	MS	Lead	6010B	SPR	179 %	85	110	Lead results within batch will be flagged with 'J' if detected.
G3F130319001	SOLID	3168307	MSD	Lead	6010B	SPR	144 %	85	110	
G3F170000307	SOLID	3168307	MB	Magnesium	6010B	Conc	2.0 mg/kg			Data will not be flagged because magnesium was not detected in batch below 5 x the concentration in the MB.
G3F130319001	SOLID	3168307	MS	Manganese	6010B	SPR	%	85	111	MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration.
G3F130319001	SOLID	3168307	MSD	Manganese	6010B	SPR	%	85	111	
G3F130319001	SOLID	3168307	MS	Molybdenum	6010B	SPR	85 %	86	112	Results will not be qualified because the SPR for the MSD is within control limits.
G3F170000307	SOLID	3168307	MB	Sodium	6010B	Conc	1.7 mg/kg			Sodium results within batch will be flagged with 'J' if detected and 'UJ' if not detected, due to SPR exceedance. Sodium was not detected above 5 X Conc in MB.
G3F130319001	SOLID	3168307	MS	Sodium	6010B	SPR	82 %	83	109	
G3F130319001	SOLID	3168307	MSD	Sodium	6010B	SPR	82 %	83	109	
G3F170000307	SOLID	3168307	MB	Vanadium	6010B	Conc	0.090 mg/kg			Data will not be flagged. The SPR of the MS was within control limits and vanadium was not detected in the batch below 5 x the concentration in the MB.
G3F130319001	SOLID	3168307	MSD	Vanadium	6010B	SPR	117 %	89	112	
G3F130319001	SOLID	3168307	MS	Zinc	6010B	SPR	145 %	85	108	Zinc results within batch will be flagged with 'J' if detected.
G3F130319001	SOLID	3168307	MSD	Zinc	6010B	SPR	123 %	85	108	
G3F170000488	SOLID	3168488	MB	Mercury	7471A	Conc	0.0045 mg/kg			Data will not be flagged. The SPR of the MS was within control limits and mercury was not detected in the batch below 5 x the concentration in the MB.
G3F130319001	SOLID	3168488	MSD	Mercury	7471A	SPR	78 %	81	121	

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Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3F190000333	SOLID	3170333	MB	Aluminum	6010B	Conc	2.4 mg/kg			Data will not be flagged. MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration. Aluminum was not detected in the batch below 5 x the concentration in the MB.
G3F160204001	SOLID	3170333	MS	Aluminum	6010B	SPR	%	83	118	
G3F160204001	SOLID	3170333	MSD	Aluminum	6010B	SPR	%	83	118	
G3F160204001	SOLID	3170333	MS	Antimony	6010B	SPR	48 %	80	108	Antimony results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3F160204001	SOLID	3170333	MSD	Antimony	6010B	SPR	46 %	80	108	
G3F160204001	SOLID	3170333	MSD	Barium	6010B	SPR	121 %	81	115	Data will not be flagged because the SPR of the MS was within control limits.
G3F190000333	SOLID	3170333	MB	Calcium	6010B	Conc	11.8 mg/kg			Data will not be flagged. The SPR of the MSD was within control limits. Calcium was not detected in the batch below 5 x the concentration in the MB.
G3F160204001	SOLID	3170333	MS	Calcium	6010B	SPR	56 %	86	111	
G3F160204001	SOLID	3170333	MS	Chromium	6010B	SPR	127 %	87	116	Chromium results within batch will be flagged with 'J' if detected.
G3F160204001	SOLID	3170333	MSD	Chromium	6010B	SPR	160 %	87	116	
G3F160204001	SOLID	3170333	MS	Copper	6010B	SPR	78 %	85	110	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
G3F160204001	SOLID	3170333	MSD	Copper	6010B	SPR	116 %	85	110	
G3F190000333	SOLID	3170333	MB	Iron	6010B	Conc	5.2 mg/kg			Data will not be flagged. MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration. Iron was not detected in the batch below 5 x the concentration in the MB.
G3F160204001	SOLID	3170333	MS	Iron	6010B	SPR	%	61	141	
G3F160204001	SOLID	3170333	MSD	Iron	6010B	SPR	%	61	141	
G3F190000333	SOLID	3170333	MB	Magnesium	6010B	Conc	2.6 mg/kg			Data will not be flagged because magnesium was not detected in the batch below 5 x the concentration in the MB.
G3F190000333	SOLID	3170333	MB	Manganese	6010B	Conc	0.15 mg/kg			Data will not be flagged. MS/MSD was not evaluated because the parent sample result was more than 4 times the spike concentration. Manganese was not detected in the batch below 5 x the concentration in the MB.
G3F160204001	SOLID	3170333	MS	Manganese	6010B	SPR	%	85	111	
G3F160204001	SOLID	3170333	MSD	Manganese	6010B	SPR	%	85	111	
G3F160204001	SOLID	3170333	MSD	Nickel	6010B	SPR	114 %	84	106	Data will not be flagged because the SPR of the MS was within control limits.
G3F190000333	SOLID	3170333	MB	Phosphorus	6010B	Conc	2.0 mg/kg			Data will not be flagged because phosphorus was not detected in the batch below 5 x the concentration in the MB.

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Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3F190000333	SOLID	3170333	MB	Sodium	6010B	Conc	5.3 mg/kg			Data will not be flagged because sodium was not detected in the batch below 5 x the concentration in the MB.
G3F160204001	SOLID	3170333	MS	Vanadium	6010B	SPR	137 %	89	112	Vanadium results within batch will be flagged with 'J' if detected.
G3F160204001	SOLID	3170333	MSD	Vanadium	6010B	SPR	157 %	89	112	
G3F160204001	SOLID	3170333	MSD	Zinc	6010B	SPR	109 %	85	108	Data will not be flagged because the SPR of the MS was within control limits.
G3F160204006	WATER	3174556	ER	Aluminum	6010B	Conc	0.085 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ER. Aluminum in these samples was not detected below 5 x the ER concentration.
G3F160204006	WATER	3174556	ER	Barium	6010B	Conc	0.0013 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ER. Barium in these samples was not detected below 5 x the ER concentration.
G3F160204006	WATER	3174556	ER	Beryllium	6010B	Conc	0.00078 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ER. Beryllium in these samples was not detected below 5 x the ER concentration.
G3F130319008	WATER	3174556	ER	Calcium	6010B	Conc	0.071 mg/L		ND	Data will not be flagged based on ER because the concentration is less than 5 times the concentration in the MB.
G3F160204006	WATER	3174556	ER	Calcium	6010B	Conc	0.23 mg/L		ND	Data will not be flagged based on ER because the concentration is less than 5 times the concentration in the MB.
G3F230000556	WATER	3174556	MB	Calcium	6010B	Conc	0.045 mg/L			Calcium results in batch will be flagged with "UJ "because they are less than 5 times the concentration in the MB.
G3F160204006	WATER	3174556	ER	Iron	6010B	Conc	0.041 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ER. Iron in these samples was not detected below 5 x the ER concentration.
G3F130319008	WATER	3174556	ER	Magnesium	6010B	Conc	0.023 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ERs. Magnesium in these samples was not detected below 5 x the ER concentration.
G3F160204006	WATER	3174556	ER	Magnesium	6010B	Conc	0.021 mg/L		ND	
G3F160204006	WATER	3174556	ER	Manganese	6010B	Conc	0.0017 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ER. Manganese in these samples was not detected below 5 x the ER concentration.
G3F130319008	WATER	3174556	ER	Nickel	6010B	Conc	0.0024 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ERs. Nickel in these samples was not detected below 5 x the ER concentration.
G3F160204006	WATER	3174556	ER	Nickel	6010B	Conc	0.0027 mg/L		ND	

Table C-1f
Summary of QC Sample Exceedances - Flare Site 3
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Compound	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3F160204006	WATER	3174556	ER	Sodium	6010B	Conc	0.022 mg/L		ND	Data will not be flagged based on ER because the concentration is less than 5 times the concentration in the MB.
G3F230000556	WATER	3174556	MB	Sodium	6010B	Conc	0.027 mg/L			Sodium results in batch will be flagged with "UJ" if they are less than 5 times the concentration in the MB.
G3F230000556	WATER	3174556	MB	Vanadium	6010B	Conc	0.0013 mg/L			Data will not be flagged because vanadium was not detected in the batch below 5 x the concentration in the MB.
G3F130319008	WATER	3174556	ER	Zinc	6010B	Conc	0.0041 mg/L		ND	Data will not be flagged. ER concentration was compared to data for SVF3 samples collected on the same day as the ERs. Zinc in these samples was not detected below 5 x the ER concentration.
G3F160204006	WATER	3174556	ER	Zinc	6010B	Conc	0.0059 mg/L		ND	

Conc - Concentration
DUP - Duplicate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
MB - Method Blank

mg/kg - milligram per kilogram
mg/l - milligram per liter
MS SUR - Surrogate of Matrix Spike
MSD SUR - Surrogate of Matrix Spike Duplicate
MSD - Matrix Spike Duplicate
MS - Matrix Spike
NC - Not Calculated

ND - not detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate
Temp - Sample temperature when sample arrived at laboratory

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G2K210269002	Water	2330297	ER	1,3,5-Trinitrobenzene	8330	Conc	0.035 ug/L		ND	Data flagging is not required because 1,3,5-TNB was not detected in associated samples.
2002110418-3	Water	200211210115	ER	Thallium	6010B	Conc	0.011 mg/L		ND	Data flagging is not required because Thallium was not detected in associated samples.
2002110418-2	Soil	200211210218	LCS SUR	1-Methyl naphthalene	8310	SPR	14.6 %	50	150	Data not flagged because surrogate SPRs for associated sample were within control limits.
2002110418-2	Soil	200211210218	LCS	Naphthalene	8310	SPR	14.1 %	50	150	The 'ND' result for Napthalene in sample will be flagged with 'UJ'.
2002110418-3	Soil	200211210218	LCSD	Naphthalene	8310	RPD	133.3 %		35	The 'ND' result for Napthalene in sample will be flagged with 'UJ'.
G3J160414003	WATER	3293522	ER	Calcium - TOTAL	6010B	Conc	0.054 mg/L		ND	No flags required because soil samples were not analyzed for calcium.
G3J160414003	WATER	3293522	ER	Nickel - TOTAL	6010B	Conc	0.0013 mg/L		ND	No flags required because all nickel concentrations in soil were above 5 times the concentration in the equipment rinsate.
G3J160414003	WATER	3293522	ER	Potassium - TOTAL	6010B	Conc	0.051 mg/L		ND	No flags required because soil samples were not analyzed for potassium.
G3J160414003	WATER	3293522	ER	Sodium - TOTAL	6010B	Conc	0.18 mg/L		ND	No flags required because soil samples were not analyzed for sodium.
G3J160414003	WATER	3293551	ER	Mercury - TOTAL	7470A	Conc	0.00011 mg/L		ND	No flags required because all mercury concentrations in soil were above 5 times the concentration in the equipment rinsate.
G3J200000566	SOLID	3293566	MB	1,2,3,4,6,7,8-HpCDF	8290	Conc	2.6 pg/g			Two results in the batch will be flagged "UJ" because the concentrations were less than 5 times the concentration in the method blank.

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,4,6,7,8-HpCDD	8290	SPR	24 %	40	135	Project sample results are not flagged based on internal standard recoveries for method blank samples.
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,4,6,7,8-HpCDF	8290	SPR	26 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,4,7,8-HxCDF	8290	SPR	27 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,6,7,8-HxCDD	8290	SPR	24 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,7,8-PeCDD	8290	SPR	22 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-1,2,3,7,8-PeCDF	8290	SPR	28 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-2,3,7,8-TCDD	8290	SPR	24 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-2,3,7,8-TCDF	8290	SPR	27 %	40	135	
G3J200000566	SOLID	3293566	MB SUR	13C-OCDD	8290	SPR	19 %	40	135	
G3J160414001	SOLID	3293566	SUR	13C-OCDD	8290	SPR	37 %	40	135	Data will not be flagged. Adequate recovery confirmed by the other eight internal standards, which had SPRs within control limits.
G3J200000566	SOLID	3293566	MB	OCDD	8290	Conc	5.4 pg/g			Data flagging not required because concentrations of OCDD measured in the batch were greater than 5 times the Conc in the MB.
G4B020128014	SOLID	4040469	MS	Heptachlor	8081A	SPR	127 %	63	121	Heptachlor result in parent sample will be flagged with 'J' if detected.
G4B020128014	SOLID	4040469	MSD	Heptachlor	8081A	SPR	136 %	63	121	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100555-25	Soil	200310150415	MS	Antimony	6010B	SPR	10.8 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003100555-26	Soil	200310150415	MSD	Antimony	6010B	SPR	8.8 %	75	125	
2003100555-26	Soil	200310150415	MSD	Antimony	6010B	RPD	20.4 %		20	
2003100555-25	Soil	200310150415	MS	Arsenic	6010B	SPR	64.5 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Arsenic	6010B	SPR	63.4 %	75	125	
2003100555-25	Soil	200310150415	MS	Barium	6010B	SPR	57 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Barium	6010B	SPR	53 %	75	125	
2003100555-25	Soil	200310150415	MS	Beryllium	6010B	SPR	67.9 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Beryllium	6010B	SPR	68.2 %	75	125	
2003100555-25	Soil	200310150415	MS	Cadmium	6010B	SPR	60.1 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Cadmium	6010B	SPR	59.9 %	75	125	
2003100555-25	Soil	200310150415	MS	Chromium	6010B	SPR	64.4 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Chromium	6010B	SPR	65.1 %	75	125	
2003100555-25	Soil	200310150415	MS	Cobalt	6010B	SPR	67.8 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Cobalt	6010B	SPR	67.4 %	75	125	
2003100555-25	Soil	200310150415	MS	Lead	6010B	SPR	61.7 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Lead	6010B	SPR	66.4 %	75	125	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003100555-25	Soil	200310150415	MS	Molybdenum	6010B	SPR	50.9 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Molybdenum	6010B	SPR	49.3 %	75	125	
2003100555-25	Soil	200310150415	MS	Nickel	6010B	SPR	59.8 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Nickel	6010B	SPR	60.3 %	75	125	
2003100555-25	Soil	200310150415	MS	Selenium	6010B	SPR	58 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Selenium	6010B	SPR	57 %	75	125	
2003100555-26	Soil	200310150415	MSD	Silver	6010B	SPR	74.3 %	75	125	Results will not be flagged because the SPR of the MS was within control limits.
2003100555-25	Soil	200310150415	MS	Thallium	6010B	SPR	56.5 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Thallium	6010B	SPR	56.4 %	75	125	
2003100555-25	Soil	200310150415	MS	Vanadium	6010B	SPR	68.1 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Vanadium	6010B	SPR	70.8 %	75	125	
2003100555-25	Soil	200310150415	MS	Zinc	6010B	SPR	61 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003100555-26	Soil	200310150415	MSD	Zinc	6010B	SPR	63.4 %	75	125	
2003100555-4	Soil	200310160113	MS	4,4'-DDT	8081	SPR	201.1 %	55	132	4,4'-DDT result in parent sample will be flagged with 'J' if detected.
2003100555-5	Soil	200310160113	MSD	4,4'-DDT	8081	SPR	176.7 %	55	132	
2003100555-4	Soil	200310160113	MS	Aldrin	8081	SPR	158.7 %	37	136	Aldrin result in parent sample will be flagged with 'J' if detected.
2003100555-5	Soil	200310160113	MSD	Aldrin	8081	SPR	146.1 %	37	136	
2003100555-4	Soil	200310160113	MS	Heptachlor	8081	SPR	-167 %	40	136	Heptachlor result in parent sample will be flagged with 'J' if detected and 'R' if not detected.
2003100555-5	Soil	200310160113	MSD	Heptachlor	8081	SPR	-187.2 %	40	136	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
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Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003101093-93	Soil	200311030415	MS	Antimony	6010B	SPR	21.1 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2003101093-94	Soil	200311030415	MSD	Antimony	6010B	SPR	23.3 %	75	125	
2003101093-93	Soil	200311030415	MS	Arsenic	6010B	SPR	65.9 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Arsenic	6010B	SPR	65.4 %	75	125	
2003101093-93	Soil	200311030415	MS	Barium	6010B	SPR	63.6 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Barium	6010B	SPR	61.6 %	75	125	
2003101093-93	Soil	200311030415	MS	Beryllium	6010B	SPR	65.8 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Beryllium	6010B	SPR	66.6 %	75	125	
2003101093-93	Soil	200311030415	MS	Cadmium	6010B	SPR	63.9 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Cadmium	6010B	SPR	64.7 %	75	125	
2003101093-93	Soil	200311030415	MS	Chromium	6010B	SPR	67.2 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Chromium	6010B	SPR	66.8 %	75	125	
2003101093-93	Soil	200311030415	MS	Cobalt	6010B	SPR	67.5 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Cobalt	6010B	SPR	68.3 %	75	125	
2003101093-93	Soil	200311030415	MS	Copper	6010B	SPR	71.1 %	75	125	Copper results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Copper	6010B	SPR	71 %	75	125	
2003101093-93	Soil	200311030415	MS	Lead	6010B	SPR	60.1 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Lead	6010B	SPR	60.6 %	75	125	
2003101093-93	Soil	200311030415	MS	Molybdenum	6010B	SPR	59.3 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Molybdenum	6010B	SPR	59.8 %	75	125	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2003101093-93	Soil	200311030415	MS	Nickel	6010B	SPR	67.5 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Nickel	6010B	SPR	68.3 %	75	125	
2003101093-93	Soil	200311030415	MS	Selenium	6010B	SPR	57.8 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Selenium	6010B	SPR	58.6 %	75	125	
2003101093-93	Soil	200311030415	MS	Silver	6010B	SPR	68.6 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Silver	6010B	SPR	69.1 %	75	125	
2003101093-93	Soil	200311030415	MS	Thallium	6010B	SPR	63.8 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Thallium	6010B	SPR	64.3 %	75	125	
2003101093-93	Soil	200311030415	MS	Vanadium	6010B	SPR	68.7 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Vanadium	6010B	SPR	65.7 %	75	125	
2003101093-93	Soil	200311030415	MS	Zinc	6010B	SPR	62.4 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2003101093-94	Soil	200311030415	MSD	Zinc	6010B	SPR	60.4 %	75	125	
2004020009-97	Soil	200402021015	MS	Antimony	6010B	SPR	21.1 %	75	125	Antimony results within batch will be flagged with 'J' if detected and 'R' if not detected.
2004020009-98	Soil	200402021015	MSD	Antimony	6010B	SPR	19.2 %	75	125	
2004020009-97	Soil	200402021015	MS	Arsenic	6010B	SPR	72 %	75	125	Arsenic results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Arsenic	6010B	SPR	71.1 %	75	125	
2004020009-97	Soil	200402021015	MS	Barium	6010B	SPR	68.5 %	75	125	Barium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Barium	6010B	SPR	66.9 %	75	125	
2004020009-97	Soil	200402021015	MS	Beryllium	6010B	SPR	70.7 %	75	125	Beryllium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Beryllium	6010B	SPR	70.2 %	75	125	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2004020009-97	Soil	200402021015	MS	Cadmium	6010B	SPR	62.6 %	75	125	Cadmium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Cadmium	6010B	SPR	62.4 %	75	125	
2004020009-97	Soil	200402021015	MS	Chromium	6010B	SPR	70.2 %	75	125	Chromium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Chromium	6010B	SPR	67.1 %	75	125	
2004020009-97	Soil	200402021015	MS	Cobalt	6010B	SPR	65.4 %	75	125	Cobalt results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Cobalt	6010B	SPR	64.7 %	75	125	
2004020009-97	Soil	200402021015	MS	Lead	6010B	SPR	66.8 %	75	125	Lead results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Lead	6010B	SPR	67.9 %	75	125	
2004020009-97	Soil	200402021015	MS	Molybdenum	6010B	SPR	60.2 %	75	125	Molybdenum results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Molybdenum	6010B	SPR	59.7 %	75	125	
2004020009-97	Soil	200402021015	MS	Nickel	6010B	SPR	65.7 %	75	125	Nickel results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Nickel	6010B	SPR	64.9 %	75	125	
2004020009-97	Soil	200402021015	MS	Selenium	6010B	SPR	60.8 %	75	125	Selenium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Selenium	6010B	SPR	59.4 %	75	125	
2004020009-97	Soil	200402021015	MS	Silver	6010B	SPR	72.4 %	75	125	Silver results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Silver	6010B	SPR	71.7 %	75	125	
2004020009-97	Soil	200402021015	MS	Thallium	6010B	SPR	62.2 %	75	125	Thallium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Thallium	6010B	SPR	61.3 %	75	125	
2004020009-97	Soil	200402021015	MS	Vanadium	6010B	SPR	71.7 %	75	125	Vanadium results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Vanadium	6010B	SPR	69.5 %	75	125	

Table C-1g
Summary of QC Sample Exceedances - Ridge Area
Tourtelot Property, Benicia, California

Lab Sample ID	Matrix	Batch Number	QC Sample Type	Analyte	Analytical Method	QC Parameter	QC Parameter Value	Lower Control Limit	Upper Control Limit	Required Data Qualifiers
2004020009-97	Soil	200402021015	MS	Zinc	6010B	SPR	68.2 %	75	125	Zinc results within batch will be flagged with 'J' if detected and 'UJ' if not detected.
2004020009-98	Soil	200402021015	MSD	Zinc	6010B	SPR	62.5 %	75	125	
2004020009-14	Water	200402030115	ER	Copper	6010B	Conc	0.0061 mg/L		ND	No flagging required because the copper conc from soil samples taken on the same day as the ER were greater than 5 times the conc in the ER.
2004020009-16	Soil	200402030116	MS	Mercury	7471A	SPR	128 %	85	115	Mercury results within batch will be flagged with 'J' if detected.
2004020009-17	Soil	200402030116	MSD	Mercury	7471A	SPR	119 %	85	115	
2004020009-124	Soil	200402030215	MB	Zinc	6010B	Conc	1.24 mg/Kg			No flags required because all zinc concentrations in soil were above 5 times the concentration in the MB.

*Sampling group refers to samples from particular site area taken on the same day.
Conc - Concentration
DUP - Duplicate
ER - Equipment Rinsate
FS - Regular Field Sample
HT - Holding Time
LCSD - Laboratory Control Spike Duplicate
LCS - Laboratory Control Spike
LCS SUR - Surrogate of LCS
MB - Method Blank
MB SUR Surrogate/Internal standard of MB
mg/kg - milligram per kilogram
mg/l - milligram per liter
MS SUR - Surrogate of Matrix Spike
MSD SUR - Surrogate of Matrix Spike Duplicate
MSD - Matrix Spike Duplicate
MS - Matrix Spike
NC - Not Calculated
ND - not detected
RL - Reporting Limit
SPR - Spike Percent Recovery
SUR - Surrogate or Internal Standard
Temp - Sample temperature when sample arrived at laboratory
ug/L - microgram per liter

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
ER-1DSI-001	3263202	D3I190410017	8330	4-Nitrotoluene	ND	0.40	ug/L	UJ
ER-1DSI-001	3263202	D3I190410017	8330	4-Amino-2,6-dinitrotoluene	ND	0.20	ug/L	R
ER-1DSI-001	3263202	D3I190410017	8330	2-Amino-4,6-dinitrotoluene	ND	0.20	ug/L	UJ
ER-1DSI-001	3263202	D3I190410017	8330	2-Nitrotoluene	ND	0.20	ug/L	UJ
ER-1DSI-002	200311180116	2003110476-1	7470A	Mercury	ND	0.00	mg/L	R
ER-1DSI-003	200311180116	2003110476-2	7470A	Mercury	ND	0.00	mg/L	R
SS-1DBE-004	200311120115	2003110372-1	6010B	Antimony	ND	2.40	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Arsenic	11	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Barium	260	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Beryllium	ND	0.60	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Cadmium	ND	0.60	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Chromium	39	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Cobalt	15	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Lead	23	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Nickel	43	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DBE-004	200311120115	2003110372-1	6010B	Vanadium	56	1.20	mg/Kg	J
SS-1DBE-004	200311120115	2003110372-1	6010B	Zinc	65	1.20	mg/Kg	J
SS-1DBE-004	200311120116	2003110372-1	7471A	Mercury	0.082	0.06	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Antimony	ND	2.80	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Arsenic	8.4	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Barium	190	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Beryllium	ND	0.69	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Cadmium	ND	0.69	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Chromium	38	1.40	mg/Kg	J

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-005	200311120115	2003110372-2	6010B	Cobalt	14	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Lead	6.5	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Molybdenum	ND	1.40	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Nickel	46	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Selenium	ND	2.80	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Thallium	ND	1.40	mg/Kg	UJ
SS-1DBE-005	200311120115	2003110372-2	6010B	Vanadium	53	1.40	mg/Kg	J
SS-1DBE-005	200311120115	2003110372-2	6010B	Zinc	55	1.40	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Antimony	ND	2.90	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Arsenic	9.1	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Barium	170	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Beryllium	ND	0.73	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Cadmium	ND	0.73	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Chromium	36	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Cobalt	14	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Lead	21	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Molybdenum	ND	1.50	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Nickel	41	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Selenium	ND	2.90	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Thallium	ND	1.50	mg/Kg	UJ
SS-1DBE-006	200311120115	2003110372-3	6010B	Vanadium	51	1.50	mg/Kg	J
SS-1DBE-006	200311120115	2003110372-3	6010B	Zinc	69	1.50	mg/Kg	J
SS-1DBE-006	200311120116	2003110372-3	7471A	Mercury	0.12	0.07	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Antimony	ND	2.70	mg/Kg	UJ
SS-1DBE-007	200311120115	2003110372-4	6010B	Arsenic	9.4	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Barium	210	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Beryllium	ND	0.67	mg/Kg	UJ

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-007	200311120115	2003110372-4	6010B	Cadmium	ND	0.67	mg/Kg	UJ
SS-1DBE-007	200311120115	2003110372-4	6010B	Chromium	34	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Cobalt	19	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Lead	13	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-1DBE-007	200311120115	2003110372-4	6010B	Nickel	41	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Selenium	ND	2.70	mg/Kg	UJ
SS-1DBE-007	200311120115	2003110372-4	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-1DBE-007	200311120115	2003110372-4	6010B	Vanadium	51	1.30	mg/Kg	J
SS-1DBE-007	200311120115	2003110372-4	6010B	Zinc	64	1.30	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Antimony	ND	3.00	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Arsenic	7.5	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Barium	200	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Beryllium	ND	0.75	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Cadmium	ND	0.75	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Chromium	34	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Cobalt	14	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Lead	7.0	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Molybdenum	ND	1.50	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Nickel	45	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Selenium	ND	3.00	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Thallium	ND	1.50	mg/Kg	UJ
SS-1DBE-008	200311120115	2003110372-5	6010B	Vanadium	41	1.50	mg/Kg	J
SS-1DBE-008	200311120115	2003110372-5	6010B	Zinc	58	1.50	mg/Kg	J
SS-1DBE-008	200311120116	2003110372-5	7471A	Mercury	0.09	0.08	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Antimony	ND	2.40	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Arsenic	5.9	1.20	mg/Kg	J

Table C-2a
Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-009	200311120115	2003110372-6	6010B	Barium	140	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Beryllium	ND	0.61	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Cadmium	ND	0.61	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Chromium	33	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Cobalt	9.7	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Lead	4.4	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Nickel	36	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DBE-009	200311120115	2003110372-6	6010B	Vanadium	36	1.20	mg/Kg	J
SS-1DBE-009	200311120115	2003110372-6	6010B	Zinc	47	1.20	mg/Kg	J
SS-1DBE-009	200311120116	2003110372-6	7471A	Mercury	0.072	0.06	mg/Kg	J
SS-1DBE-010	200311190118	2003110372-7	8310	Acenaphthene	ND	13.00	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Acenaphthylene	ND	13.00	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Anthracene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Benzo(a)anthracene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Benzo(a)pyrene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Benzo(b)fluoranthene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Benzo(g,h,i)perylene	ND	13.00	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Benzo(k)fluoranthene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Chrysene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Dibenzo(a,h)anthracene	ND	13.00	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Fluoranthene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Fluorene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Indeno(1,2,3-cd)pyrene	ND	13.00	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Naphthalene	ND	27.00	ug/Kg	UJ

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Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-010	200311190118	2003110372-7	8310	Phenanthrene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311190118	2003110372-7	8310	Pyrene	ND	6.70	ug/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Antimony	ND	2.70	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Arsenic	8.4	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Barium	140	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Beryllium	ND	0.67	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Cadmium	ND	0.67	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Chromium	30	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Cobalt	13	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Lead	8.6	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Nickel	46	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Selenium	ND	2.70	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-1DBE-010	200311120115	2003110372-7	6010B	Vanadium	30	1.30	mg/Kg	J
SS-1DBE-010	200311120115	2003110372-7	6010B	Zinc	63	1.30	mg/Kg	J
SS-1DBE-010	200311120116	2003110372-7	7471A	Mercury	0.11	0.07	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Antimony	ND	2.50	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Arsenic	6.8	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Barium	190	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Beryllium	ND	0.62	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Cadmium	ND	0.62	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Chromium	27	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Cobalt	16	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Lead	7.2	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Nickel	40	1.20	mg/Kg	J

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-011	200311120115	2003110372-8	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DBE-011	200311120115	2003110372-8	6010B	Vanadium	36	1.20	mg/Kg	J
SS-1DBE-011	200311120115	2003110372-8	6010B	Zinc	52	1.20	mg/Kg	J
SS-1DBE-011	200311120116	2003110372-8	7471A	Mercury	0.069	0.06	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Antimony	ND	2.70	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Arsenic	5.8	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Barium	170	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Beryllium	ND	0.67	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Cadmium	ND	0.67	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Chromium	29	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Cobalt	15	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Lead	8.2	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Nickel	44	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Selenium	ND	2.70	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-1DBE-012	200311120115	2003110372-12	6010B	Vanadium	36	1.30	mg/Kg	J
SS-1DBE-012	200311120115	2003110372-12	6010B	Zinc	60	1.30	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Antimony	ND	2.80	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Arsenic	8.0	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Barium	170	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Beryllium	ND	0.69	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Cadmium	ND	0.69	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Chromium	29	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Cobalt	13	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Lead	7.1	1.40	mg/Kg	J

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Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DBE-510	200311120115	2003110372-9	6010B	Molybdenum	ND	1.40	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Nickel	40	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Selenium	ND	2.80	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Thallium	ND	1.40	mg/Kg	UJ
SS-1DBE-510	200311120115	2003110372-9	6010B	Vanadium	40	1.40	mg/Kg	J
SS-1DBE-510	200311120115	2003110372-9	6010B	Zinc	54	1.40	mg/Kg	J
SS-1DBE-510	200311120116	2003110372-9	7471A	Mercury	0.075	0.07	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Antimony	ND	2.40	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Arsenic	9.0	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Barium	120	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Beryllium	ND	0.59	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Chromium	34	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Cobalt	16	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Lead	8.2	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Nickel	47	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-005	200311120115	2003110372-10	6010B	Vanadium	36	1.20	mg/Kg	J
SS-1DSW-005	200311120115	2003110372-10	6010B	Zinc	64	1.20	mg/Kg	J
SS-1DSW-005	200311120116	2003110372-10	7471A	Mercury	0.091	0.06	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Antimony	ND	2.50	mg/Kg	UJ
SS-1DSW-006	200311120115	2003110372-11	6010B	Arsenic	5.6	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Barium	130	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Beryllium	ND	0.62	mg/Kg	UJ
SS-1DSW-006	200311120115	2003110372-11	6010B	Cadmium	ND	0.62	mg/Kg	UJ

Table C-2a
Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-006	200311120115	2003110372-11	6010B	Chromium	30	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Cobalt	16	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Lead	5.8	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-006	200311120115	2003110372-11	6010B	Nickel	45	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-1DSW-006	200311120115	2003110372-11	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-006	200311120115	2003110372-11	6010B	Vanadium	34	1.20	mg/Kg	J
SS-1DSW-006	200311120115	2003110372-11	6010B	Zinc	62	1.20	mg/Kg	J
SS-1DSW-006	200311120116	2003110372-11	7471A	Mercury	0.11	0.06	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Antimony	ND	2.40	mg/Kg	R
SS-1DSW-007	200311130115	2003110415-1	6010B	Arsenic	6.4	1.20	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Beryllium	ND	0.59	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Chromium	34	1.20	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Cobalt	15	1.20	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Lead	8.1	1.20	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Nickel	38	1.20	mg/Kg	J
SS-1DSW-007	200311130115	2003110415-1	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-007	200311130115	2003110415-1	6010B	Zinc	57	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Antimony	ND	2.30	mg/Kg	R
SS-1DSW-008	200311130115	2003110415-2	6010B	Arsenic	5.9	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Beryllium	ND	0.58	mg/Kg	UJ
SS-1DSW-008	200311130115	2003110415-2	6010B	Cadmium	ND	0.58	mg/Kg	UJ

Table C-2a
Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-008	200311130115	2003110415-2	6010B	Chromium	33	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Cobalt	15	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Lead	9.0	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-008	200311130115	2003110415-2	6010B	Nickel	42	1.20	mg/Kg	J
SS-1DSW-008	200311130115	2003110415-2	6010B	Selenium	2.4	2.30	mg/Kg	UJ
SS-1DSW-008	200311130115	2003110415-2	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-008	200311130115	2003110415-2	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-008	200311130115	2003110415-2	6010B	Zinc	67	1.20	mg/Kg	J
SS-1DSW-008	200311130116	2003110415-2	7471A	Mercury	0.073	0.06	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Antimony	ND	2.30	mg/Kg	R
SS-1DSW-009	200311130115	2003110415-3	6010B	Arsenic	15	1.10	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Chromium	27	1.10	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Cobalt	16	1.10	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Lead	6.4	1.10	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Nickel	42	1.10	mg/Kg	J
SS-1DSW-009	200311130115	2003110415-3	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-1DSW-009	200311130115	2003110415-3	6010B	Zinc	61	1.10	mg/Kg	J
SS-1DSW-009	200311130116	2003110415-3	7471A	Mercury	0.094	0.06	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Antimony	ND	2.30	mg/Kg	R
SS-1DSW-010	200311130115	2003110415-4	6010B	Arsenic	6.0	1.20	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Beryllium	ND	0.59	mg/Kg	UJ

Table C-2a
Summary of Qualified Results - Demolition Site 1
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-010	200311130115	2003110415-4	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-1DSW-010	200311130115	2003110415-4	6010B	Chromium	39	1.20	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Cobalt	15	1.20	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Lead	6.2	1.20	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-010	200311130115	2003110415-4	6010B	Nickel	43	1.20	mg/Kg	J
SS-1DSW-010	200311130115	2003110415-4	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-1DSW-010	200311130115	2003110415-4	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-010	200311130115	2003110415-4	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-010	200311130115	2003110415-4	6010B	Zinc	60	1.20	mg/Kg	J
SS-1DSW-010	200311130116	2003110415-4	7471A	Mercury	0.09	0.06	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Antimony	ND	2.30	mg/Kg	R
SS-1DSW-011	200311130115	2003110415-5	6010B	Arsenic	13	1.10	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Chromium	27	1.10	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Cobalt	7.8	1.10	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Lead	4.9	1.10	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Nickel	31	1.10	mg/Kg	J
SS-1DSW-011	200311130115	2003110415-5	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-1DSW-011	200311130115	2003110415-5	6010B	Zinc	45	1.10	mg/Kg	J
SS-1DSW-011	200311130116	2003110415-5	7471A	Mercury	0.058	0.06	mg/Kg	J
SS-1DSW-012	200311130115	2003110415-6	6010B	Antimony	ND	2.40	mg/Kg	R
SS-1DSW-012	200311130115	2003110415-6	6010B	Arsenic	14	1.20	mg/Kg	J

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-012	200311130115	2003110415-6	6010B	Beryllium	ND	0.59	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Chromium	35	1.20	mg/Kg	J
SS-1DSW-012	200311130115	2003110415-6	6010B	Cobalt	14	1.20	mg/Kg	J
SS-1DSW-012	200311130115	2003110415-6	6010B	Lead	6.4	1.20	mg/Kg	J
SS-1DSW-012	200311130115	2003110415-6	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Nickel	43	1.20	mg/Kg	J
SS-1DSW-012	200311130115	2003110415-6	6010B	Selenium	2.4	2.40	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-012	200311130115	2003110415-6	6010B	Zinc	60	1.20	mg/Kg	J
SS-1DSW-012	200311130116	2003110415-6	7471A	Mercury	0.075	0.06	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Antimony	ND	2.30	mg/Kg	R
SS-1DSW-013	200311130115	2003110415-7	6010B	Arsenic	5.4	1.10	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Chromium	26	1.10	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Cobalt	12	1.10	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Lead	5.8	1.10	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Nickel	34	1.10	mg/Kg	J
SS-1DSW-013	200311130115	2003110415-7	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-1DSW-013	200311130115	2003110415-7	6010B	Zinc	54	1.10	mg/Kg	J
SS-1DSW-013	200311130116	2003110415-7	7471A	Mercury	0.098	0.06	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Antimony	ND	2.30	mg/Kg	R

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Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-014	200311130115	2003110415-8	6010B	Arsenic	6.3	1.20	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Beryllium	ND	0.58	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Chromium	31	1.20	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Cobalt	11	1.20	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Lead	6.2	1.20	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Nickel	41	1.20	mg/Kg	J
SS-1DSW-014	200311130115	2003110415-8	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-014	200311130115	2003110415-8	6010B	Zinc	60	1.20	mg/Kg	J
SS-1DSW-014	200311130116	2003110415-8	7471A	Mercury	0.08	0.06	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Antimony	ND	2.40	mg/Kg	R
SS-1DSW-015	200311130115	2003110415-9	6010B	Arsenic	6.5	1.20	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Beryllium	ND	0.60	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Cadmium	ND	0.60	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Chromium	27	1.20	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Cobalt	13	1.20	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Lead	6.5	1.20	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Nickel	40	1.20	mg/Kg	J
SS-1DSW-015	200311130115	2003110415-9	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-015	200311130115	2003110415-9	6010B	Zinc	58	1.20	mg/Kg	J
SS-1DSW-015	200311130116	2003110415-9	7471A	Mercury	0.084	0.06	mg/Kg	J

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Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-016	200311130115	2003110415-10	6010B	Antimony	ND	2.40	mg/Kg	R
SS-1DSW-016	200311130115	2003110415-10	6010B	Arsenic	8.7	1.20	mg/Kg	J
SS-1DSW-016	200311130115	2003110415-10	6010B	Beryllium	ND	0.60	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Cadmium	ND	0.60	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Chromium	38	1.20	mg/Kg	J
SS-1DSW-016	200311130115	2003110415-10	6010B	Cobalt	22	1.20	mg/Kg	J
SS-1DSW-016	200311130115	2003110415-10	6010B	Lead	8.3	1.20	mg/Kg	J
SS-1DSW-016	200311130115	2003110415-10	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Nickel	53	1.20	mg/Kg	J
SS-1DSW-016	200311130115	2003110415-10	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-016	200311130115	2003110415-10	6010B	Zinc	68	1.20	mg/Kg	J
SS-1DSW-016	200311130116	2003110415-10	7471A	Mercury	0.094	0.06	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Antimony	ND	2.60	mg/Kg	R
SS-1DSW-017	200311130115	2003110415-11	6010B	Arsenic	7.5	1.30	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Beryllium	ND	0.65	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Cadmium	ND	0.65	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Chromium	28	1.30	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Cobalt	12	1.30	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Lead	7.0	1.30	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Nickel	32	1.30	mg/Kg	J
SS-1DSW-017	200311130115	2003110415-11	6010B	Selenium	ND	2.60	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Silver	ND	1.30	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-1DSW-017	200311130115	2003110415-11	6010B	Zinc	52	1.30	mg/Kg	J

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-018	200311130115	2003110415-12	6010B	Antimony	ND	2.50	mg/Kg	R
SS-1DSW-018	200311130115	2003110415-12	6010B	Arsenic	11	1.20	mg/Kg	J
SS-1DSW-018	200311130115	2003110415-12	6010B	Beryllium	ND	0.62	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Cadmium	ND	0.62	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Chromium	38	1.20	mg/Kg	J
SS-1DSW-018	200311130115	2003110415-12	6010B	Cobalt	14	1.20	mg/Kg	J
SS-1DSW-018	200311130115	2003110415-12	6010B	Lead	6.8	1.20	mg/Kg	J
SS-1DSW-018	200311130115	2003110415-12	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Nickel	50	1.20	mg/Kg	J
SS-1DSW-018	200311130115	2003110415-12	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-1DSW-018	200311130115	2003110415-12	6010B	Zinc	61	1.20	mg/Kg	J
SS-1DSW-018	200311130116	2003110415-12	7471A	Mercury	0.11	0.06	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Antimony	ND	2.60	mg/Kg	R
SS-1DSW-019	200311130115	2003110415-13	6010B	Arsenic	7.9	1.30	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Beryllium	ND	0.65	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Cadmium	ND	0.65	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Chromium	32	1.30	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Cobalt	15	1.30	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Lead	6.5	1.30	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Nickel	42	1.30	mg/Kg	J
SS-1DSW-019	200311130115	2003110415-13	6010B	Selenium	ND	2.60	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Silver	ND	1.30	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-1DSW-019	200311130115	2003110415-13	6010B	Zinc	60	1.30	mg/Kg	J

Table C-2a
Summary of Qualified Results - Demolition Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-1DSW-019	200311130116	2003110415-13	7471A	Mercury	0.091	0.07	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Antimony	ND	2.3	mg/Kg	R
SS-1DSW-507	200311130115	2003110415-14	6010B	Arsenic	7.3	1.1	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Chromium	35	1.10	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Cobalt	16	1.10	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Lead	7.8	1.10	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Nickel	46	1.1	mg/Kg	J
SS-1DSW-507	200311130115	2003110415-14	6010B	Selenium	ND	2.3	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-1DSW-507	200311130115	2003110415-14	6010B	Zinc	57	1.10	mg/Kg	J
SS-1DSW-507	200311130116	2003110415-14	7471A	Mercury	0.058	0.06	mg/Kg	J

mg/kg - milligram per kilogram
ug/L - microgram per liter
J[1] - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - Not detected
NR - Not reported.
R - Result rejected based on QC evaluations.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
ER-3DBE-001	200310060515	2003100188-8	6010B	Barium	0.0015	0.01	mg/L	J1
ER-3DBE-001	200310060515	2003100188-8	6010B	Chromium	0.00034	0.01	mg/L	J1
ER-3DBE-001	200310060515	2003100188-8	6010B	Cobalt	0.00037	0.01	mg/L	J1
ER-3DBE-001	200310060515	2003100188-8	6010B	Nickel	0.00087	0.01	mg/L	J1
ER-3DBE-001	200310060515	2003100188-8	6010B	Vanadium	0.00031	0.01	mg/L	J1
ER-3DBE-001	200310060515	2003100188-8	6010B	Zinc	0.0085	0.01	mg/L	J1
ER-3DBE-002	200310060515	2003100187-5	6010B	Barium	0.0014	0.01	mg/L	J1
ER-3DBE-002	200310060515	2003100187-5	6010B	Chromium	0.00047	0.01	mg/L	J1
ER-3DBE-002	200310060515	2003100187-5	6010B	Cobalt	0.00045	0.01	mg/L	J1
ER-3DBE-002	200310060515	2003100187-5	6010B	Molybdenum	0.00051	0.01	mg/L	J1
ER-3DBE-002	200310060515	2003100187-5	6010B	Vanadium	0.00039	0.01	mg/L	J1
SB-3DSI-079-001	200310270715	2003100874-1	6010B	Antimony	0.29	2.30	mg/Kg	J1
SB-3DSI-079-001	200310270715	2003100874-1	6010B	Beryllium	0.46	0.57	mg/Kg	J1
SB-3DSI-079-001	200310270715	2003100874-1	6010B	Molybdenum	0.39	1.10	mg/Kg	J1
SB-3DSI-079-001	200310270715	2003100874-1	6010B	Selenium	1.5	2.30	mg/Kg	J1
SB-3DSI-079-001	200310270715	2003100874-1	6010B	Silver	0.31	1.10	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Antimony	0.53	2.30	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Beryllium	0.49	0.58	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Molybdenum	0.36	1.20	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Selenium	0.68	2.30	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Silver	0.27	1.20	mg/Kg	J1
SB-3DSI-079-101	200310270715	2003100874-2	6010B	Thallium	0.95	1.20	mg/Kg	J1
SS-3DBE-002	200310060415	2003100188-1	6010B	Antimony	ND	2.10	mg/Kg	R
SS-3DBE-002	200310060415	2003100188-1	6010B	Arsenic	6.5	1.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Barium	230	1.10	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Beryllium	0.30	0.54	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Cadmium	0.60	0.54	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-002	200310060415	2003100188-1	6010B	Chromium	28	1.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Cobalt	8.5	1.10	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Copper	33	1.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Lead	2.9	1.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-3DBE-002	200310060415	2003100188-1	6010B	Nickel	22	1.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Selenium	1.7	2.1	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-3DBE-002	200310060415	2003100188-1	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-002	200310060415	2003100188-1	6010B	Vanadium	69	1.10	mg/Kg	J
SS-3DBE-002	200310060415	2003100188-1	6010B	Zinc	42	1.1	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Antimony	ND	2.20	mg/Kg	R
SS-3DBE-027	200310060415	2003100188-2	6010B	Arsenic	7.1	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Barium	170	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Beryllium	0.29	0.55	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Cadmium	0.64	0.55	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Chromium	27	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Cobalt	7.4	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Copper	34	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Lead	4.8	1.1	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DBE-027	200310060415	2003100188-2	6010B	Nickel	20	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Selenium	1.3	2.20	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DBE-027	200310060415	2003100188-2	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-027	200310060415	2003100188-2	6010B	Vanadium	68	1.10	mg/Kg	J
SS-3DBE-027	200310060415	2003100188-2	6010B	Zinc	42	1.10	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-032	200310060415	2003100188-3	6010B	Antimony	ND	2.10	mg/Kg	R
SS-3DBE-032	200310060415	2003100188-3	6010B	Arsenic	8.5	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Barium	210	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Beryllium	0.37	0.53	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Cadmium	0.67	0.53	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Chromium	31	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Cobalt	8.5	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Copper	36	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Lead	5.4	1.1	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-3DBE-032	200310060415	2003100188-3	6010B	Nickel	25	1.1	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Selenium	1.6	2.1	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-3DBE-032	200310060415	2003100188-3	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-032	200310060415	2003100188-3	6010B	Vanadium	68	1.10	mg/Kg	J
SS-3DBE-032	200310060415	2003100188-3	6010B	Zinc	45	1.10	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Antimony	ND	2.10	mg/Kg	R
SS-3DBE-035	200310060415	2003100188-4	6010B	Arsenic	5.5	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Barium	130	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Beryllium	0.19	0.52	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Cadmium	0.63	0.52	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Chromium	22	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Cobalt	9.1	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Copper	30	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Lead	8.6	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Molybdenum	ND	1.00	mg/Kg	UJ
SS-3DBE-035	200310060415	2003100188-4	6010B	Nickel	16	1.00	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-035	200310060415	2003100188-4	6010B	Selenium	1.3	2.10	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Silver	0.027	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Thallium	ND	1.00	mg/Kg	UJ
SS-3DBE-035	200310060415	2003100188-4	6010B	Vanadium	63	1.00	mg/Kg	J
SS-3DBE-035	200310060415	2003100188-4	6010B	Zinc	42	1.00	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Antimony	ND	2.30	mg/Kg	R
SS-3DBE-047	200310060415	2003100187-2	6010B	Arsenic	8.5	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Barium	250	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Beryllium	0.34	0.57	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Cadmium	0.71	0.57	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Chromium	38	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Cobalt	14	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Copper	60	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Lead	7.0	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DBE-047	200310060415	2003100187-2	6010B	Nickel	48	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Selenium	1.7	2.30	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DBE-047	200310060415	2003100187-2	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-047	200310060415	2003100187-2	6010B	Vanadium	47	1.10	mg/Kg	J
SS-3DBE-047	200310060415	2003100187-2	6010B	Zinc	74	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Antimony	ND	2.10	mg/Kg	R
SS-3DBE-054	200310060415	2003100188-5	6010B	Arsenic	4.2	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Barium	120	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Beryllium	0.16	0.53	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Cadmium	0.39	0.53	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Chromium	19	1.10	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-054	200310060415	2003100188-5	6010B	Cobalt	7.7	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Copper	24	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Lead	2.8	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DBE-054	200310060415	2003100188-5	6010B	Nickel	12	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Selenium	1.5	2.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DBE-054	200310060415	2003100188-5	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-054	200310060415	2003100188-5	6010B	Vanadium	62	1.10	mg/Kg	J
SS-3DBE-054	200310060415	2003100188-5	6010B	Zinc	36	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Antimony	ND	2.20	mg/Kg	R
SS-3DBE-060	200310060415	2003100188-6	6010B	Arsenic	13	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Barium	130	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Beryllium	0.29	0.55	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Cadmium	0.52	0.55	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Chromium	32	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Cobalt	15	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Copper	42	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Lead	4.5	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DBE-060	200310060415	2003100188-6	6010B	Nickel	28	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Selenium	1.2	2.20	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DBE-060	200310060415	2003100188-6	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-060	200310060415	2003100188-6	6010B	Vanadium	58	1.10	mg/Kg	J
SS-3DBE-060	200310060415	2003100188-6	6010B	Zinc	58	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Antimony	ND	2.20	mg/Kg	R

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-064	200310060415	2003100187-3	6010B	Arsenic	8.8	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Barium	220	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Beryllium	0.57	0.56	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Cadmium	0.61	0.56	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Chromium	36	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Cobalt	15	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Copper	51	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Lead	10	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Molybdenum	0.11	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Nickel	48	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Selenium	0.42	2.20	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Silver	0.25	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-064	200310060415	2003100187-3	6010B	Vanadium	48	1.10	mg/Kg	J
SS-3DBE-064	200310060415	2003100187-3	6010B	Zinc	63	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Antimony	ND	2.20	mg/Kg	R
SS-3DBE-079	200310060415	2003100187-4	6010B	Arsenic	8.8	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Barium	180	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Beryllium	0.47	0.56	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Cadmium	0.69	0.56	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Chromium	34	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Cobalt	11	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Copper	120	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Lead	10	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Molybdenum	0.034	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Nickel	36	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Selenium	0.46	2.20	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DBE-079	200310060415	2003100187-4	6010B	Silver	0.078	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-079	200310060415	2003100187-4	6010B	Vanadium	52	1.10	mg/Kg	J
SS-3DBE-079	200310060415	2003100187-4	6010B	Zinc	190	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Antimony	ND	2.20	mg/Kg	R
SS-3DBE-560	200310060415	2003100188-7	6010B	Arsenic	11	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Barium	130	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Beryllium	0.28	0.54	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Cadmium	0.48	0.54	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Chromium	30	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Cobalt	13	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Copper	39	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Lead	4.2	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DBE-560	200310060415	2003100188-7	6010B	Nickel	27	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Selenium	2.3	2.20	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DBE-560	200310060415	2003100188-7	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DBE-560	200310060415	2003100188-7	6010B	Vanadium	62	1.10	mg/Kg	J
SS-3DBE-560	200310060415	2003100188-7	6010B	Zinc	57	1.10	mg/Kg	J
SS-3DSI-079-002	200311120115	2003110373-1	6010B	Zinc	620	1.20	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Antimony	ND	2.20	mg/Kg	R
SS-3DSW-039	200310060415	2003100187-1	6010B	Arsenic	6.5	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Barium	91	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Beryllium	0.26	0.56	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Cadmium	0.64	0.56	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Chromium	26	1.10	mg/Kg	J

Table C-2b
Summary of Qualified Results - Demolition Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-3DSW-039	200310060415	2003100187-1	6010B	Cobalt	9.1	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Copper	34	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Lead	2.5	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-3DSW-039	200310060415	2003100187-1	6010B	Nickel	18	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Selenium	1.9	2.20	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-3DSW-039	200310060415	2003100187-1	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-3DSW-039	200310060415	2003100187-1	6010B	Vanadium	73	1.10	mg/Kg	J
SS-3DSW-039	200310060415	2003100187-1	6010B	Zinc	48	1.10	mg/Kg	J

mg/kg - milligram per kilogram
ug/L - microgram per liter
J[1] - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - Not detected
NR - Not reported. For method 8290, the reporting limit is not quantified when the compound is detected.
R - Result rejected based on QC evaluations.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table C-2c
Summary of Qualified Results - Blow-In-Place Locations
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
ER-SWBP-008	2300139	G2J190188002	8330	1,3,5-Trinitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	1,3-Dinitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	2,4,6-Trinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	2,4-Dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	2,6-Dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	2-Amino-4,6-dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	2-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	3-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	4-Amino-2,6-dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	4-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	HMX	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	Nitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	Nitroglycerin	ND	0.65	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	PETN	ND	0.65	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	RDX	ND	0.10	ug/L	UJ
ER-SWBP-008	2300139	G2J190188002	8330	Tetryl	ND	0.10	ug/L	UJ
ER-SWBP-011	G3A100217003	3014194	6010B	Chromium	0.00067	0.01	mg/L	J1
ER-SWBP-012	G3B180256002	3051344	8330	1,3,5-Trinitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	1,3-Dinitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	2-Amino-4,6-dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	2-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	3-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	4-Amino-2,6-dinitrotoluene	ND	0.10	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	4-Nitrotoluene	ND	0.50	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	Nitrobenzene	ND	0.10	ug/L	UJ
ER-SWBP-012	G3B180256002	3051344	8330	RDX	ND	0.10	ug/L	UJ
SS-SWBP-018	2280569	G2J010183001	8330	1,3,5-Trinitrobenzene	ND	0.25	mg/kg	UJ
SS-SWBP-018	2280569	G2J010183001	8330	4-Amino-2,6-dinitrotoluene	ND	0.25	mg/kg	UJ
SS-SWBP-018	200210030215	2002090635-1	6010B	Antimony	ND	2.00	mg/Kg	UJ
SS-SWBP-018	200210030215	2002090635-1	6010B	Lead	89	1.00	mg/Kg	J
SS-SWBP-018	200210030215	2002090635-1	6010B	Zinc	76	1.00	mg/Kg	J
SS-SWBP-021	2302352	G2J170400001	8330	Tetryl	0.53	0.25	mg/kg	J
SS-SWBP-024	200210210116	2002100391-1	7471A	Mercury	0.38	0.05	mg/Kg	J
SS-SWBP-025	200210300215	2002100581-1	6010B	Antimony	ND	2.00	mg/Kg	UJ
SS-SWBP-025	200210300215	2002100581-1	6010B	Zinc	100	1.00	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Antimony	ND	2.40	mg/Kg	UJ
SS-SWBP-026	2002120126-3	200212110415	6010B	Arsenic	89	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Barium	150	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Beryllium	ND	0.59	mg/Kg	UJ

Table C-2c
Summary of Qualified Results - Blow-In-Place Locations
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-SWBP-026	2002120126-3	200212110415	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-SWBP-026	2002120126-3	200212110415	6010B	Chromium	33	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Cobalt	15	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Lead	170	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-SWBP-026	2002120126-3	200212110415	6010B	Nickel	36	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Selenium	2.8	2.40	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-SWBP-026	2002120126-3	200212110415	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-SWBP-026	2002120126-3	200212110415	6010B	Vanadium	60	1.20	mg/Kg	J
SS-SWBP-026	2002120126-3	200212110415	6010B	Zinc	88	1.20	mg/Kg	J
SS-SWBP-027	G3A100217001	3015477	8330	2,4,6-Trinitrotoluene	ND	0.25	mg/kg	UJ
SS-SWBP-027	G3A100217001	3015477	8330	Tetryl	1.6	0.25	mg/kg	J
SS-SWBP-027	G3A100217001	3014183	6010B	Antimony	1.1	1.20	mg/kg	J
SS-SWBP-027	G3A100217001	3014183	6010B	Chromium	54.2	0.59	mg/kg	J
SS-SWBP-027	G3A100217001	3014183	6010B	Lead	119	0.36	mg/kg	J
SS-SWBP-027	G3A100217001	3014183	6010B	Molybdenum	0.55	2.40	mg/kg	J1
SS-SWBP-027	G3A100217001	3014183	6010B	Selenium	2.0	2.40	mg/kg	J1
SS-SWBP-027	G3A100217001	3014183	6010B	Silver	0.13	0.59	mg/kg	J1
SS-SWBP-027	G3A100217001	3014183	6010B	Vanadium	108	1.20	mg/kg	J
SS-SWBP-027	G3A100217001	3014183	6010B	Zinc	98.3	1.20	mg/kg	J
SS-SWBP-028	G3A100217002	3014183	6010B	Antimony	0.66	1.20	mg/kg	J
SS-SWBP-028	G3A100217002	3014183	6010B	Chromium	53.7	0.58	mg/kg	J
SS-SWBP-028	G3A100217002	3014183	6010B	Lead	1840	0.35	mg/kg	J
SS-SWBP-028	G3A100217002	3014183	6010B	Molybdenum	0.73	2.30	mg/kg	J1
SS-SWBP-028	G3A100217002	3014183	6010B	Silver	0.22	0.58	mg/kg	J1
SS-SWBP-028	G3A100217002	3014183	6010B	Vanadium	113	1.20	mg/kg	J
SS-SWBP-028	G3A100217002	3014183	6010B	Zinc	108	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Antimony	0.97	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Arsenic	13.7	0.97	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Beryllium	0.59	0.24	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Cadmium	0.88	0.24	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Cobalt	16.6	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Copper	91.0	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Lead	63.2	0.36	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Molybdenum	ND	2.40	mg/kg	UJ
SS-SWBP-29	G3B180256001	3051373	6010B	Nickel	40.4	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Selenium	0.56	2.40	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Silver	ND	0.60	mg/kg	J

Table C-2c
Summary of Qualified Results - Blow-In-Place Locations
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-SWBP-29	G3B180256001	3051373	6010B	Thallium	0.60	1.20	mg/kg	J
SS-SWBP-29	G3B180256001	3051373	6010B	Zinc	98.4	1.20	mg/kg	J

J1 - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.
mg/kg - milligram per kilogram
ND - not detected

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
ER-F1BE-003	200309290315	2003090973-10	6010B	Barium	0.00033	0.005	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Cadmium	0.00060	0.002	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Chromium	0.0029	0.005	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Cobalt	0.0029	0.005	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Nickel	0.00099	0.005	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Selenium	0.0045	0.005	mg/L	J1
ER-F1BE-003	200309290315	2003090973-10	6010B	Zinc	0.0075	0.01	mg/L	J1
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Antimony	ND	2.4	mg/Kg	R
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Arsenic	11	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Barium	180	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Beryllium	0.43	0.59	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Cadmium	0.20	0.59	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Chromium	37	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Cobalt	14	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Copper	63	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Molybdenum	0.14	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Nickel	46	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Selenium	ND	2.4	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Silver	0.030	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Vanadium	65	1.2	mg/Kg	J
SS-F1BE-001-001	200309260515	2003090973-1	6010B	Zinc	77	1.2	mg/Kg	J
SS-F1BE-002	3235200	D3H160179002	314.0	Perchlorate	5.5	11	ug/kg	J1
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Antimony	ND	2.3	mg/Kg	R
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Arsenic	8.8	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Barium	170	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Beryllium	0.35	0.59	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Cadmium	0.19	0.59	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Chromium	34	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Cobalt	13	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Copper	50	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Molybdenum	ND	1.2	mg/Kg	UJ
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Nickel	40	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Selenium	ND	2.3	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Silver	ND	1.2	mg/Kg	UJ
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Vanadium	53	1.2	mg/Kg	J
SS-F1BE-002-001	200309260515	2003090973-2	6010B	Zinc	67	1.2	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Antimony	ND	2.2	mg/Kg	R

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Arsenic	8.1	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Barium	200	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Beryllium	0.38	0.56	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Cadmium	0.17	0.56	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Chromium	33	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Cobalt	12	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Copper	67	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Nickel	38	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Selenium	ND	2.2	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Vanadium	49	1.1	mg/Kg	J
SS-F1BE-006-001	200309260515	2003090973-3	6010B	Zinc	120	1.1	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Antimony	ND	2.4	mg/Kg	R
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Arsenic	9.2	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Barium	160	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Beryllium	0.33	0.6	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Cadmium	0.12	0.6	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Chromium	34	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Cobalt	13	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Copper	51	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Molybdenum	ND	1.2	mg/Kg	UJ
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Nickel	39	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Selenium	0.51	2.4	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Silver	ND	1.2	mg/Kg	UJ
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Vanadium	51	1.2	mg/Kg	J
SS-F1BE-007-001	200309260515	2003090973-4	6010B	Zinc	66	1.2	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Antimony	ND	2.3	mg/Kg	R
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Arsenic	5.8	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Barium	160	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Beryllium	0.39	0.57	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Cadmium	0.14	0.57	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Chromium	34	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Cobalt	13	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Copper	46	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Nickel	43	1.1	mg/Kg	J

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Selenium	ND	2.3	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Vanadium	49	1.1	mg/Kg	J
SS-F1BE-008-001	200309260515	2003090973-8	6010B	Zinc	60	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Antimony	ND	2.3	mg/Kg	R
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Arsenic	7.0	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Barium	180	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Beryllium	0.33	0.57	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Cadmium	0.16	0.57	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Chromium	30	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Cobalt	13	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Copper	49	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Nickel	38	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Selenium	0.33	2.3	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Vanadium	45	1.1	mg/Kg	J
SS-F1BE-009-001	200309260515	2003090973-11	6010B	Zinc	65	1.1	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Antimony	ND	2.4	mg/Kg	R
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Arsenic	7.5	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Barium	200	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Beryllium	0.39	0.59	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Cadmium	0.035	0.59	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Chromium	31	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Cobalt	12	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Copper	51	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Molybdenum	0.38	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Nickel	38	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Selenium	ND	2.4	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Silver	ND	1.2	mg/Kg	UJ
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Vanadium	38	1.2	mg/Kg	J
SS-F1BE-010-001	200309260515	2003090973-5	6010B	Zinc	68	1.2	mg/Kg	J
SS-F1BE-018	3235200	D3H160179020	314.0	Perchlorate	6.9	12	ug/kg	J1
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Antimony	ND	2.4	mg/Kg	R
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Arsenic	7.4	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Barium	210	1.2	mg/Kg	J

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Beryllium	0.38	0.6	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Cadmium	0.11	0.6	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Chromium	29	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Cobalt	11	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Copper	44	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Molybdenum	0.40	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Nickel	36	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Selenium	ND	2.4	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Silver	ND	1.2	mg/Kg	UJ
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Vanadium	45	1.2	mg/Kg	J
SS-F1BE-018-001	200309260515	2003090973-6	6010B	Zinc	57	1.2	mg/Kg	J
SS-F1BE-018-001	200309260216	2003090973-6	7471A	Mercury	0.040	0.06	mg/Kg	J1
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Antimony	ND	2.4	mg/Kg	R
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Arsenic	7.3	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Barium	190	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Beryllium	0.40	0.6	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Cadmium	0.044	0.6	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Chromium	30	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Cobalt	12	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Copper	43	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Molybdenum	0.38	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Nickel	37	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Selenium	0.32	2.4	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Silver	ND	1.2	mg/Kg	UJ
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Thallium	ND	1.2	mg/Kg	UJ
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Vanadium	46	1.2	mg/Kg	J
SS-F1BE-018-501	200309260515	2003090973-7	6010B	Zinc	57	1.2	mg/Kg	J
SS-F1BE-018-501	200309260216	2003090973-7	7471A	Mercury	0.039	0.06	mg/Kg	J1
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Antimony	ND	2.3	mg/Kg	R
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Arsenic	12	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Barium	100	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Beryllium	0.25	0.57	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Cadmium	0.045	0.57	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Chromium	31	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Cobalt	18	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Copper	61	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Molybdenum	ND	1.1	mg/Kg	UJ
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Nickel	45	1.1	mg/Kg	J

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Selenium	0.71	2.3	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Silver	ND	1.1	mg/Kg	UJ
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Vanadium	41	1.1	mg/Kg	J
SS-F1BE-021-001	200309260515	2003090973-9	6010B	Zinc	72	1.1	mg/Kg	J
SS-F1BE-031	200308190415	2003080581-1	6010B	Antimony	ND	2.1	mg/Kg	R
SS-F1BE-031	200308190415	2003080581-1	6010B	Arsenic	8.3	1.1	mg/Kg	J
SS-F1BE-031	200308190415	2003080581-1	6010B	Lead	13	1.1	mg/Kg	J
SS-F1BE-031	200308190415	2003080581-1	6010B	Molybdenum	1.8	1.1	mg/Kg	J
SS-F1BE-031	200308190415	2003080581-1	6010B	Selenium	ND	2.1	mg/Kg	UJ
SS-F1BE-031	200308190415	2003080581-1	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-031	200308190415	2003080581-1	6010B	Zinc	70	1.1	mg/Kg	J
SS-F1BE-032	200308190415	2003080581-2	6010B	Antimony	ND	2.1	mg/Kg	R
SS-F1BE-032	200308190415	2003080581-2	6010B	Arsenic	6.2	1.1	mg/Kg	J
SS-F1BE-032	200308190415	2003080581-2	6010B	Lead	7.3	1.1	mg/Kg	J
SS-F1BE-032	200308190415	2003080581-2	6010B	Molybdenum	1.5	1.1	mg/Kg	J
SS-F1BE-032	200308190415	2003080581-2	6010B	Selenium	ND	2.1	mg/Kg	UJ
SS-F1BE-032	200308190415	2003080581-2	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-032	200308190415	2003080581-2	6010B	Zinc	61	1.1	mg/Kg	J
SS-F1BE-035	200308190415	2003080581-6	6010B	Antimony	ND	2.1	mg/Kg	R
SS-F1BE-035	200308190415	2003080581-6	6010B	Arsenic	6.7	1.1	mg/Kg	J
SS-F1BE-035	200308190415	2003080581-6	6010B	Lead	20	1.1	mg/Kg	J
SS-F1BE-035	200308190415	2003080581-6	6010B	Molybdenum	1.5	1.1	mg/Kg	J
SS-F1BE-035	200308190415	2003080581-6	6010B	Selenium	ND	2.1	mg/Kg	UJ
SS-F1BE-035	200308190415	2003080581-6	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-035	200308190415	2003080581-6	6010B	Zinc	70	1.1	mg/Kg	J
SS-F1BE-036	200308190415	2003080581-5	6010B	Antimony	ND	2.2	mg/Kg	R
SS-F1BE-036	200308190415	2003080581-5	6010B	Arsenic	8.4	1.1	mg/Kg	J
SS-F1BE-036	200308190415	2003080581-5	6010B	Lead	7.0	1.1	mg/Kg	J
SS-F1BE-036	200308190415	2003080581-5	6010B	Molybdenum	1.4	1.1	mg/Kg	J
SS-F1BE-036	200308190415	2003080581-5	6010B	Selenium	ND	2.2	mg/Kg	UJ
SS-F1BE-036	200308190415	2003080581-5	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-036	200308190415	2003080581-5	6010B	Zinc	66	1.1	mg/Kg	J
SS-F1BE-037	200308190415	2003080581-4	6010B	Antimony	ND	2.1	mg/Kg	R
SS-F1BE-037	200308190415	2003080581-4	6010B	Arsenic	8.5	1.1	mg/Kg	J
SS-F1BE-037	200308190415	2003080581-4	6010B	Lead	8.6	1.1	mg/Kg	J
SS-F1BE-037	200308190415	2003080581-4	6010B	Molybdenum	1.5	1.1	mg/Kg	J
SS-F1BE-037	200308190415	2003080581-4	6010B	Selenium	ND	2.1	mg/Kg	UJ
SS-F1BE-037	200308190415	2003080581-4	6010B	Thallium	ND	1.1	mg/Kg	UJ

Table C-2d
Summary of Qualified Results - Flare Site 1
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F1BE-037	200308190415	2003080581-4	6010B	Zinc	66	1.1	mg/Kg	J
SS-F1BE-038	200308190415	2003080581-3	6010B	Antimony	ND	2.1	mg/Kg	R
SS-F1BE-038	200308190415	2003080581-3	6010B	Arsenic	5.0	1.1	mg/Kg	J
SS-F1BE-038	200308190415	2003080581-3	6010B	Lead	9.8	1.1	mg/Kg	J
SS-F1BE-038	200308190415	2003080581-3	6010B	Molybdenum	1.4	1.1	mg/Kg	J
SS-F1BE-038	200308190415	2003080581-3	6010B	Selenium	ND	2.1	mg/Kg	UJ
SS-F1BE-038	200308190415	2003080581-3	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-F1BE-038	200308190415	2003080581-3	6010B	Zinc	60	1.1	mg/Kg	J
SS-F1SE-16D	3235200	D3H160179018	314.0	Perchlorate	5.7	11	ug/kg	J1

mg/kg - milligram per kilogram
ug/L - microgram per liter
J1 - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - not detected
NR - Not Reported. For method 8290, the reporting limit is not quantified when the compound is detected.
R - Result rejected based on QC evaluations.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table C-2e
Summary of Qualified Results - Flare Site 2
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
ER-RAF2-001	2269296	G2I050242002	365.3	Total phosphorus	ND	0.05	mg/L	UJ
ER-RAF2-001	200209090218	2002090104-3	8310	Naphthalene	ND	0.19	ug/L	UJ
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Antimony	ND	2.50	mg/Kg	R
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Barium	240	1.20	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Cadmium	1.1	0.61	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Chromium	45	1.20	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Lead	13	1.20	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Magnesium	8700	12.00	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Nickel	60	1.20	mg/Kg	J
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-F2BE-002-000-RS	200310210215	2003100719-1	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Barium	130	1.10	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Cadmium	0.97	0.56	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Chromium	41	1.10	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Lead	7.1	1.10	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Magnesium	8000	11.00	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Nickel	48	1.10	mg/Kg	J
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F2BE-003-000	200310210215	2003100719-2	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F2SW-001-001	3276598	D3I300235001	6010B	Antimony	0.32	1.10	mg/kg	J1
SS-F2SW-001-001	3276598	D3I300235001	6010B	Cadmium	0.21	0.53	mg/kg	J1
SS-F2SW-001-001	3276598	D3I300235001	6010B	Molybdenum	0.56	2.10	mg/kg	J1
SS-F2SW-001-001	3276598	D3I300235001	6010B	Silver	0.43	1.10	mg/kg	J1
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Antimony	ND	2.20	mg/Kg	R
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Barium	390	1.10	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Cadmium	0.91	0.56	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Chromium	41	1.10	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Lead	12	1.10	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Magnesium	5000	11.00	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Nickel	37	1.10	mg/Kg	J
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Selenium	ND	2.20	mg/Kg	UJ
SS-F2SW-005-000	200310210215	2003100719-3	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Barium	260	1.10	mg/Kg	J
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Cadmium	0.95	0.56	mg/Kg	J

Table C-2e
Summary of Qualified Results - Flare Site 2
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Chromium	41	1.10	mg/Kg	J
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Lead	10	1.10	mg/Kg	J
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Magnesium	5100	11.00	mg/Kg	J
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Nickel	43	1.10	mg/Kg	J
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F2SW-006-000	200310210215	2003100719-4	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Antimony	ND	2.20	mg/Kg	R
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Barium	410	1.10	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Cadmium	1.0	0.55	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Chromium	39	1.10	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Lead	13	1.10	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Magnesium	5000	11.00	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Nickel	38	1.10	mg/Kg	J
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Selenium	ND	2.20	mg/Kg	UJ
SS-F2SW-007-000	200310210215	2003100719-5	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RAF2-001,002,003,00	2253496	G2I050242001	8290	1,2,3,4,6,7,8-HpCDF	4.8	NM	pg/g	J1
SS-RAF2-001,002,003,00	2268388	G2I050242001	314.0	Perchlorate	0.19	0.27	mg/kg	J1
SS-RAF2-001,002,003,00	2276222	G2I050242001	365.3	Total phosphorus	281	26.80	mg/kg	J
SS-RAF2-001,002,003,00	200209090118	2002090104-1	8310	Benzo(a)pyrene	ND	5.00	ug/Kg	UJ
SS-RAF2-001,002,003,00	200209090118	2002090104-1	8310	Naphthalene	ND	15.00	ug/Kg	UJ

mg/kg - milligram per kilogram
ug/L - microgram per liter
J1 - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - not detected
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.
R - Data is rejected.

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
ER-SVF3-002	2339371	G2K190283003	353.2	Nitrate-Nitrite	0.021	0.05	mg/L	J1
ER-SVF3-002	2325542	G2K190283003	8330	1,3,5-Trinitrobenzene	0.041	0.10	ug/L	J1
ER-SVF3-002	200211180710	2002110377-3	8015M	Diesel	ND	50.00	ug/L	UJ
ER-SVF3-002	200211180710	2002110377-3	8015M	Motor Oil	ND	500.00	ug/L	UJ
ER-SVF3-013-001	3174556	G3F130319008	6010B	Calcium	0.071	0.50	mg/L	UJ
ER-SVF3-013-001	3174556	G3F130319008	6010B	Magnesium	0.023	0.50	mg/L	J1
ER-SVF3-013-001	3174556	G3F130319008	6010B	Nickel	0.0024	0.02	mg/L	J1
ER-SVF3-013-001	3174556	G3F130319008	6010B	Zinc	0.0041	0.02	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Aluminum	0.085	0.10	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Barium	0.0013	0.01	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Beryllium	0.00078	0.01	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Calcium	0.23	0.50	mg/L	UJ
ER-SVF3-014	3174556	G3F160204006	6010B	Iron	0.041	0.05	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Magnesium	0.021	0.50	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Manganese	0.0017	0.01	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Nickel	0.0027	0.02	mg/L	J1
ER-SVF3-014	3174556	G3F160204006	6010B	Sodium	0.022	0.50	mg/L	UJ
ER-SVF3-014	3174556	G3F160204006	6010B	Zinc	0.0059	0.02	mg/L	J1
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Antimony	1.5	1.30	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Barium	336	1.30	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Beryllium	0.48	0.26	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Calcium	3900	6.60	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Chromium	43.6	0.66	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Copper	58.4	1.30	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Lead	27.1	0.39	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Molybdenum	0.45	2.60	mg/kg	J1
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Selenium	0.96	2.60	mg/kg	J1
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Sodium	203	13.20	mg/kg	J
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Thallium	0.62	1.30	mg/kg	J1
SB-SVF3-001-001	3168307	G3F13031900 1	6010B	Zinc	86.3	1.30	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Antimony	4.8	1.30	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Barium	299	1.30	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Beryllium	0.50	0.26	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Calcium	3950	6.40	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Chromium	50.5	0.64	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Copper	142	1.30	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Lead	235	0.39	mg/kg	J
SB-SVF3-002-001	3168307	G3F130319003	6010B	Molybdenum	0.77	2.60	mg/kg	J1
SB-SVF3-002-001	3168307	G3F130319003	6010B	Sodium	215	12.90	mg/kg	J

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SB-SVF3-002-001	3168307	G3F130319003	6010B	Thallium	0.88	1.30	mg/kg	J1
SB-SVF3-002-001	3168307	G3F130319003	6010B	Zinc	185	1.30	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Antimony	1.4	1.30	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Barium	252	1.30	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Beryllium	0.47	0.25	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Cadmium	0.11	0.25	mg/kg	J1
SB-SVF3-003-001	3168307	G3F130319004	6010B	Calcium	16800	6.30	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Chromium	43.3	0.63	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Copper	51.2	1.30	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Lead	8.5	0.38	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Molybdenum	0.65	2.50	mg/kg	J1
SB-SVF3-003-001	3168307	G3F130319004	6010B	Selenium	0.59	2.50	mg/kg	J1
SB-SVF3-003-001	3168307	G3F130319004	6010B	Sodium	217	12.50	mg/kg	J
SB-SVF3-003-001	3168307	G3F130319004	6010B	Thallium	0.73	1.30	mg/kg	J1
SB-SVF3-003-001	3168307	G3F130319004	6010B	Zinc	71.8	1.30	mg/kg	J
SB-SVF3-003-001	3168488	G3F130319004	7471A	Mercury	0.034	0.05	mg/kg	J1
SB-SVF3-004-001	3168307	G3F130319006	6010B	Antimony	1.2	1.10	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Barium	250	1.10	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Beryllium	0.45	0.23	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Cadmium	0.18	0.23	mg/kg	J1
SB-SVF3-004-001	3168307	G3F130319006	6010B	Calcium	3070	5.60	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Chromium	39.1	0.56	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Copper	49.1	1.10	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Lead	15.2	0.34	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Molybdenum	0.46	2.30	mg/kg	J1
SB-SVF3-004-001	3168307	G3F130319006	6010B	Sodium	104	11.30	mg/kg	J
SB-SVF3-004-001	3168307	G3F130319006	6010B	Thallium	0.47	1.10	mg/kg	J1
SB-SVF3-004-001	3168307	G3F130319006	6010B	Zinc	73.8	1.10	mg/kg	J
SB-SVF3-005-001	3170333	G3F160204001	6010B	Antimony	0.65	1.20	mg/kg	J
SB-SVF3-005-001	3170333	G3F160204001	6010B	Chromium	62.7	0.61	mg/kg	J
SB-SVF3-005-001	3170333	G3F160204001	6010B	Copper	73.9	1.20	mg/kg	J
SB-SVF3-005-001	3170333	G3F160204001	6010B	Molybdenum	1.0	2.40	mg/kg	J1
SB-SVF3-005-001	3170333	G3F160204001	6010B	Selenium	1.5	2.40	mg/kg	J1
SB-SVF3-005-001	3170333	G3F160204001	6010B	Thallium	0.62	1.20	mg/kg	J1
SB-SVF3-005-001	3170333	G3F160204001	6010B	Vanadium	95.5	1.20	mg/kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Antimony	ND	2.70	mg/Kg	R
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Arsenic	9.7	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Barium	260	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Beryllium	0.45	0.68	mg/Kg	J

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Cadmium	0.48	0.68	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Chromium	35	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Cobalt	13	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Copper	39	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Lead	4.8	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Molybdenum	0.15	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Nickel	35	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Selenium	ND	2.70	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Silver	0.24	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Thallium	0.36	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Vanadium	58	1.40	mg/Kg	J
SS-F3BE-001-000	200310300215	2003101011-1	6010B	Zinc	58	1.40	mg/Kg	J
SS-F3BE-001-000	200310300116	2003101011-1	7471A	Mercury	0.023	0.07	mg/Kg	J1
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Antimony	ND	2.60	mg/Kg	R
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Arsenic	10	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Barium	200	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Beryllium	0.31	0.66	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Cadmium	0.49	0.66	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Chromium	28	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Cobalt	14	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Copper	30	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Lead	5.7	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Molybdenum	0.31	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Nickel	24	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Selenium	ND	2.60	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Silver	0.24	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Vanadium	72	1.30	mg/Kg	J
SS-F3BE-002-000	200310300215	2003101011-2	6010B	Zinc	48	1.30	mg/Kg	J
SS-F3BE-002-000	200310300116	2003101011-2	7471A	Mercury	0.040	0.07	mg/Kg	J1
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Antimony	ND	2.60	mg/Kg	UJ
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Beryllium	0.39	0.65	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Cadmium	0.20	0.65	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Chromium	28	1.30	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Cobalt	11	1.30	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Lead	4.5	1.30	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Molybdenum	0.13	1.30	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Nickel	26	1.30	mg/Kg	J
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Selenium	2.3	2.60	mg/Kg	J

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Silver	0.12	1.30	mg/Kg	J1
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F3BE-003-000	200310270715	2003100873-1	6010B	Zinc	51	1.30	mg/Kg	J
SS-F3BE-003-000	200310270216	2003100873-1	7471A	Mercury	0.023	0.07	mg/Kg	J1
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Antimony	ND	2.50	mg/Kg	R
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Arsenic	8.5	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Barium	170	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Beryllium	0.36	0.61	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Cadmium	0.42	0.61	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Chromium	31	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Cobalt	14	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Copper	32	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Lead	3.4	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Molybdenum	0.21	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Nickel	24	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Selenium	ND	2.50	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Silver	0.21	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Vanadium	73	1.20	mg/Kg	J
SS-F3BE-004-000	200310300215	2003101011-3	6010B	Zinc	44	1.20	mg/Kg	J
SS-F3BE-004-000	200310300116	2003101011-3	7471A	Mercury	0.023	0.06	mg/Kg	J1
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Antimony	ND	2.60	mg/Kg	UJ
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Beryllium	0.33	0.64	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Cadmium	0.24	0.64	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Chromium	28	1.30	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Cobalt	14	1.30	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Lead	5.8	1.30	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Molybdenum	0.32	1.30	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Nickel	25	1.30	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Selenium	2.9	2.60	mg/Kg	J
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Silver	0.12	1.30	mg/Kg	J1
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F3BE-005-000	200310270715	2003100873-2	6010B	Zinc	51	1.30	mg/Kg	J
SS-F3BE-005-000	200310270216	2003100873-2	7471A	Mercury	0.050	0.06	mg/Kg	J1
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Arsenic	11	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Barium	160	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Beryllium	0.33	0.56	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Cadmium	0.30	0.56	mg/Kg	J

Table C-2f
Summary of Qualified Results - Flare Site 3
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Chromium	32	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Cobalt	14	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Copper	40	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Lead	4.4	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Molybdenum	0.22	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Nickel	25	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Selenium	0.34	2.30	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Silver	0.17	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Vanadium	66	1.10	mg/Kg	J
SS-F3BE-006-000	200310300215	2003101011-4	6010B	Zinc	52	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Arsenic	8.3	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Barium	160	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Beryllium	0.34	0.56	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Cadmium	0.30	0.56	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Chromium	28	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Cobalt	13	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Copper	32	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Lead	3.2	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Molybdenum	0.28	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Nickel	21	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Selenium	ND	2.30	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Silver	0.19	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Vanadium	70	1.10	mg/Kg	J
SS-F3BE-007-000	200310300215	2003101011-5	6010B	Zinc	43	1.10	mg/Kg	J
SS-F3BE-007-000	200310300116	2003101011-5	7471A	Mercury	0.025	0.06	mg/Kg	J1
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Antimony	ND	2.20	mg/Kg	R
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Arsenic	8.3	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Barium	160	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Beryllium	0.35	0.56	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Cadmium	0.27	0.56	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Chromium	29	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Cobalt	13	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Copper	33	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Lead	3.2	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Molybdenum	0.23	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Nickel	21	1.10	mg/Kg	J

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Selenium	0.92	2.20	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Silver	0.20	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Vanadium	73	1.10	mg/Kg	J
SS-F3BE-007-500	200310300215	2003101011-6	6010B	Zinc	43	1.10	mg/Kg	J
SS-F3BE-007-500	200310300116	2003101011-6	7471A	Mercury	0.024	0.06	mg/Kg	J1
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Antimony	0.18	2.40	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Beryllium	0.35	0.60	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Cadmium	0.41	0.60	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Chromium	30	1.20	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Cobalt	14	1.20	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Lead	8.2	1.20	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Molybdenum	0.31	1.20	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Nickel	27	1.20	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Selenium	2.7	2.40	mg/Kg	J
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Silver	0.20	1.20	mg/Kg	J1
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F3SW-001-000	200310270715	2003100873-3	6010B	Zinc	52	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Antimony	ND	2.50	mg/Kg	UJ
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Beryllium	0.36	0.62	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Cadmium	0.23	0.62	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Chromium	32	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Cobalt	14	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Lead	4.8	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Molybdenum	0.35	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Nickel	28	1.20	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Selenium	2.2	2.50	mg/Kg	J
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Silver	0.21	1.20	mg/Kg	J1
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F3SW-001-500	200310270715	2003100873-4	6010B	Zinc	55	1.20	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Antimony	ND	3.60	mg/Kg	UJ
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Beryllium	0.39	0.90	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Cadmium	0.39	0.90	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Chromium	36	1.80	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Cobalt	12	1.80	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Lead	11	1.80	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Molybdenum	0.35	1.80	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Nickel	31	1.80	mg/Kg	J
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Selenium	2.0	3.60	mg/Kg	J

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Summary of Qualified Results - Flare Site 3
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Silver	0.19	1.80	mg/Kg	J1
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Thallium	ND	1.80	mg/Kg	UJ
SS-F3SW-002-000	200310270715	2003100873-5	6010B	Zinc	75	1.80	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Antimony	ND	4.90	mg/Kg	UJ
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Beryllium	0.41	1.20	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Cadmium	0.47	1.20	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Chromium	37	2.40	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Cobalt	13	2.40	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Lead	13	2.40	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Molybdenum	0.40	2.40	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Nickel	34	2.40	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Selenium	2.0	4.90	mg/Kg	J
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Silver	0.26	2.40	mg/Kg	J1
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Thallium	ND	2.40	mg/Kg	UJ
SS-F3SW-003-000	200310270715	2003100873-6	6010B	Zinc	110	2.40	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Antimony	ND	2.50	mg/Kg	UJ
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Beryllium	0.34	0.63	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Cadmium	0.23	0.63	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Chromium	26	1.30	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Cobalt	12	1.30	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Lead	4.1	1.30	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Molybdenum	0.19	1.30	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Nickel	23	1.30	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Selenium	2.2	2.50	mg/Kg	J
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Silver	0.16	1.30	mg/Kg	J1
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F3SW-004-000	200310270715	2003100873-7	6010B	Zinc	45	1.30	mg/Kg	J
SS-F3SW-004-000	200310270216	2003100873-7	7471A	Mercury	0.017	0.06	mg/Kg	J1
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Antimony	ND	2.50	mg/Kg	UJ
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Beryllium	0.36	0.62	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Cadmium	0.23	0.62	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Chromium	26	1.20	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Cobalt	13	1.20	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Lead	3.8	1.20	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Molybdenum	0.21	1.20	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Nickel	23	1.20	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Selenium	2.4	2.50	mg/Kg	J
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Silver	0.16	1.20	mg/Kg	J1
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Thallium	ND	1.20	mg/Kg	UJ

Table C-2f
Summary of Qualified Results - Flare Site 3
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-F3SW-004-500	200310270715	2003100873-8	6010B	Zinc	45	1.20	mg/Kg	J
SS-F3SW-004-500	200310270216	2003100873-8	7471A	Mercury	0.012	0.062	mg/Kg	J1
SS-SVF3-003	2339370	G2K190283001	353.2	Nitrate/Nitrite	0.18	0.33	mg/kg	UJ
SS-SVF3-003	2353223	G2K190283001	365.3	Total Phosphorus	141	13.30	mg/kg	J
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,4,6,7,8-HpCDD	3.5	NR	pg/g	J
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,4,6,7,8-HpCDF	ND	1.60	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,4,7,8,9-HpCDF	ND	0.98	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,4,7,8-HxCDD	ND	2.10	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,4,7,8-HxCDF	ND	2.10	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,6,7,8-HxCDD	ND	2.30	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,6,7,8-HxCDF	ND	2.10	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,7,8,9-HxCDD	ND	2.10	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,7,8,9-HxCDF	ND	2.70	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,7,8-PeCDD	ND	2.10	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	1,2,3,7,8-PeCDF	ND	2.00	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	2,3,4,6,7,8-HxCDF	ND	2.30	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	2,3,4,7,8-PeCDF	ND	2.00	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	2,3,7,8-TCDD	ND	0.62	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	2,3,7,8-TCDF	ND	1.30	pg/g	UJ
SS-SVF3-003	2329549	G2K190283001	8290	OCDD	15	NR	pg/g	J
SS-SVF3-003	2329549	G2K190283001	8290	OCDF	ND	2.10	pg/g	UJ
SS-SVF3-003	200211210315	2002110377-1	6010B	Antimony	ND	2.60	mg/Kg	R
SS-SVF3-003	200211210315	2002110377-1	6010B	Cadmium	4.1	0.64	mg/Kg	J
SS-SVF3-003	200211210315	2002110377-1	6010B	Chromium	31	1.30	mg/Kg	J
SS-SVF3-003	200211210315	2002110377-1	6010B	Nickel	27	1.30	mg/Kg	J
SS-SVF3-004	2339370	G2K190283002	353.2	Nitrate/Nitrite	0.33	0.37	mg/kg	UJ
SS-SVF3-004	2353223	G2K190283002	365.3	Total Phosphorus	634	149.00	mg/kg	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,4,6,7,8-HpCDD	530	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,4,6,7,8-HpCDF	1300	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,4,7,8,9-HpCDF	130	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,4,7,8-HxCDD	67	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,4,7,8-HxCDF	640	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,6,7,8-HxCDD	120	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,6,7,8-HxCDF	550	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,7,8,9-HxCDD	120	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,7,8,9-HxCDF	41	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,7,8-PeCDD	140	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	1,2,3,7,8-PeCDF	680	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	2,3,4,6,7,8-HxCDF	930	NR	pg/g	J

Table C-2f
Summary of Qualified Results - Flare Site 3
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Compound	Result	Reporting Limit	Units	Qualifier
SS-SVF3-004	2329549	G2K190283002	8290	2,3,4,7,8-PeCDF	1100	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	2,3,7,8-TCDD	64	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	2,3,7,8-TCDF	1200	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	OCDD	600	NR	pg/g	J
SS-SVF3-004	2329549	G2K190283002	8290	OCDF	290	NR	pg/g	J
SS-SVF3-004	2331451	G2K190283002	8330	1,3,5-Trinitrobenzene	0.020	0.25	mg/kg	J1
SS-SVF3-004	2331451	G2K190283002	8330	Nitrobenzene	0.068	0.25	mg/kg	J1
SS-SVF3-004	200211210315	2002110377-2	6010B	Antimony	360	26.00	mg/Kg	J
SS-SVF3-004	200211210315	2002110377-2	6010B	Cadmium	210	6.60	mg/Kg	J
SS-SVF3-004	200211210315	2002110377-2	6010B	Chromium	190	13.00	mg/Kg	J
SS-SVF3-004	200211210315	2002110377-2	6010B	Nickel	210	13.00	mg/Kg	J

mg/kg - milligram per kilogram
ug/L - microgram per liter
J1 - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - not detected
NR - Not Reported. For method 8290, the reporting limit is not quantified when the compound is detected.
R - Result rejected based on QC evaluations.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RASB-001	200211210218	2002110418-1	8310	Naphthalene	ND	19	ug/Kg	UJ
ER-RABE-001	3293522	G3J160414003	6010B	Nickel - TOTAL	0.0013	0.02	mg/L	J1
ER-RABE-001	3293522	G3J160414003	6010B	Potassium - TOTAL	0.051	0.10	mg/L	J1
ER-RABE-001	3293551	G3J160414003	7470A	Mercury - TOTAL	0.00011	0.00	mg/L	J1
SS-F1SF-001	200402021015	2004020009-1	6010B	Antimony	ND	2.50	mg/Kg	R
SS-F1SF-001	200402021015	2004020009-1	6010B	Arsenic	12	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Barium	170	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Beryllium	ND	0.64	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Cadmium	ND	0.64	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Chromium	36	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Cobalt	14	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Lead	8.1	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Nickel	37	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Silver	ND	1.30	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F1SF-001	200402021015	2004020009-1	6010B	Vanadium	57	1.30	mg/Kg	J
SS-F1SF-001	200402021015	2004020009-1	6010B	Zinc	65	1.30	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F1SF-002	200402021015	2004020009-2	6010B	Arsenic	3.7	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Barium	180	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-F1SF-002	200402021015	2004020009-2	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-F1SF-002	200402021015	2004020009-2	6010B	Chromium	48	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Cobalt	12	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Lead	6.0	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Molybdenum	ND	1.10	mg/Kg	UJ

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F1SF-002	200402021015	2004020009-2	6010B	Nickel	43	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F1SF-002	200402021015	2004020009-2	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-F1SF-002	200402021015	2004020009-2	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F1SF-002	200402021015	2004020009-2	6010B	Vanadium	47	1.10	mg/Kg	J
SS-F1SF-002	200402021015	2004020009-2	6010B	Zinc	67	1.10	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F1SF-003	200402021015	2004020009-3	6010B	Arsenic	13	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Barium	110	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Beryllium	ND	0.58	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Chromium	29	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Cobalt	20	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Lead	5.2	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Nickel	23	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F1SF-003	200402021015	2004020009-3	6010B	Vanadium	51	1.20	mg/Kg	J
SS-F1SF-003	200402021015	2004020009-3	6010B	Zinc	59	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Antimony	ND	2.40	mg/Kg	R
SS-F1SF-004	200402021015	2004020009-4	6010B	Arsenic	3.8	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Barium	180	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Beryllium	ND	0.59	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Cadmium	ND	0.59	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Chromium	41	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Cobalt	11	1.20	mg/Kg	J

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F1SF-004	200402021015	2004020009-4	6010B	Lead	6.1	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Nickel	40	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Selenium	ND	2.40	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F1SF-004	200402021015	2004020009-4	6010B	Vanadium	40	1.20	mg/Kg	J
SS-F1SF-004	200402021015	2004020009-4	6010B	Zinc	65	1.20	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Antimony	ND	2.20	mg/Kg	R
SS-F1SF-005	200402021015	2004020009-5	6010B	Arsenic	11	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Barium	110	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Beryllium	ND	0.54	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Cadmium	ND	0.54	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Chromium	23	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Cobalt	16	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Lead	3.6	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Nickel	16	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Selenium	ND	2.20	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F1SF-005	200402021015	2004020009-5	6010B	Vanadium	64	1.10	mg/Kg	J
SS-F1SF-005	200402021015	2004020009-5	6010B	Zinc	49	1.10	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F1SF-006	200402021015	2004020009-6	6010B	Arsenic	8.7	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Barium	110	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Beryllium	ND	0.58	mg/Kg	UJ
SS-F1SF-006	200402021015	2004020009-6	6010B	Cadmium	ND	0.58	mg/Kg	UJ

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F1SF-006	200402021015	2004020009-6	6010B	Chromium	33	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Cobalt	13	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Lead	4.1	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F1SF-006	200402021015	2004020009-6	6010B	Nickel	27	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F1SF-006	200402021015	2004020009-6	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-F1SF-006	200402021015	2004020009-6	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F1SF-006	200402021015	2004020009-6	6010B	Vanadium	52	1.20	mg/Kg	J
SS-F1SF-006	200402021015	2004020009-6	6010B	Zinc	60	1.20	mg/Kg	J
SS-F23SF-001	200402030116	2004020009-13	7471A	Mercury	0.072	0.06	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Antimony	ND	2.50	mg/Kg	R
SS-F23SF-012	200402021015	2004020009-10	6010B	Arsenic	13	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Barium	180	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Beryllium	ND	0.63	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Cadmium	ND	0.63	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Chromium	39	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Cobalt	15	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Lead	12	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Molybdenum	ND	1.30	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Nickel	43	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Selenium	ND	2.50	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Silver	ND	1.30	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Thallium	ND	1.30	mg/Kg	UJ
SS-F23SF-012	200402021015	2004020009-10	6010B	Vanadium	57	1.30	mg/Kg	J
SS-F23SF-012	200402021015	2004020009-10	6010B	Zinc	65	1.30	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Antimony	ND	2.20	mg/Kg	R
SS-F23SF-013	200402021015	2004020009-11	6010B	Arsenic	12	1.10	mg/Kg	J

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F23SF-013	200402021015	2004020009-11	6010B	Barium	170	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Beryllium	ND	0.56	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Cadmium	ND	0.56	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Chromium	33	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Cobalt	12	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Lead	17	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Nickel	35	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Selenium	ND	2.20	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F23SF-013	200402021015	2004020009-11	6010B	Vanadium	56	1.10	mg/Kg	J
SS-F23SF-013	200402021015	2004020009-11	6010B	Zinc	63	1.10	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F23SF-014	200402021015	2004020009-12	6010B	Arsenic	12	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Barium	190	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Beryllium	0.58	0.58	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-F23SF-014	200402021015	2004020009-12	6010B	Chromium	43	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Cobalt	14	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Lead	18	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F23SF-014	200402021015	2004020009-12	6010B	Nickel	45	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F23SF-014	200402021015	2004020009-12	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-F23SF-014	200402021015	2004020009-12	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F23SF-014	200402021015	2004020009-12	6010B	Vanadium	59	1.20	mg/Kg	J
SS-F23SF-014	200402021015	2004020009-12	6010B	Zinc	64	1.20	mg/Kg	J

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F2SF-001	200402021015	2004020009-7	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F2SF-001	200402021015	2004020009-7	6010B	Arsenic	12	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Barium	170	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Beryllium	ND	0.58	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Chromium	42	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Cobalt	12	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Lead	9.1	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Molybdenum	ND	1.20	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Nickel	42	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Silver	ND	1.20	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-F2SF-001	200402021015	2004020009-7	6010B	Vanadium	39	1.20	mg/Kg	J
SS-F2SF-001	200402021015	2004020009-7	6010B	Zinc	84	1.20	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F3SF-001	200402021015	2004020009-8	6010B	Arsenic	19	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Barium	170	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Beryllium	ND	0.57	mg/Kg	UJ
SS-F3SF-001	200402021015	2004020009-8	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-F3SF-001	200402021015	2004020009-8	6010B	Chromium	37	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Cobalt	5.0	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Lead	6.2	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F3SF-001	200402021015	2004020009-8	6010B	Nickel	35	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F3SF-001	200402021015	2004020009-8	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-F3SF-001	200402021015	2004020009-8	6010B	Thallium	ND	1.10	mg/Kg	UJ

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-F3SF-001	200402021015	2004020009-8	6010B	Vanadium	28	1.10	mg/Kg	J
SS-F3SF-001	200402021015	2004020009-8	6010B	Zinc	57	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Antimony	ND	2.30	mg/Kg	R
SS-F3SF-002	200402021015	2004020009-9	6010B	Arsenic	7.1	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Barium	180	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Beryllium	0.62	0.57	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-F3SF-002	200402021015	2004020009-9	6010B	Chromium	39	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Cobalt	26	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Lead	10	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-F3SF-002	200402021015	2004020009-9	6010B	Nickel	60	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Selenium	ND	2.30	mg/Kg	UJ
SS-F3SF-002	200402021015	2004020009-9	6010B	Silver	ND	1.10	mg/Kg	UJ
SS-F3SF-002	200402021015	2004020009-9	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-F3SF-002	200402021015	2004020009-9	6010B	Vanadium	47	1.10	mg/Kg	J
SS-F3SF-002	200402021015	2004020009-9	6010B	Zinc	81	1.10	mg/Kg	J
SS-RABE-001-000	200310160113	2003100555-1	8081	Heptachlor	3.0	2.20	ug/Kg	J
SS-RABE-002-000	200310160113	2003100555-2	8081	Heptachlor	3.1	2.20	ug/Kg	J
SS-RABE-003-000	200310160113	2003100555-3	8081	Heptachlor	9.3	2.20	ug/Kg	J
SS-RABE-004-000	200310160113	2003100555-4	8081	Heptachlor	68	11.00	ug/Kg	J
SS-RABE-005-000	200310160113	2003100555-5	8081	Heptachlor	3.9	2.20	ug/Kg	J
SS-RABE-006-000	200310160113	2003100555-6	8081	Heptachlor	33	10.00	ug/Kg	J
SS-RABE-007	4040469	G4B020128014	8081A	alpha-BHC	0.91	2.00	ug/kg	J1
SS-RABE-007-000	200310160113	2003100555-7	8081	Heptachlor	91	22.00	ug/Kg	J
SS-RABE-008	200402030116	2004020009-16	7471A	Mercury	0.11	0.06	mg/Kg	J
SS-RABE-008	4040469	G4B020128015	8081A	4,4'-DDE	2.5	4.40	ug/kg	J1
SS-RABE-008	4040469	G4B020128015	8081A	4,4'-DDT	1.5	4.40	ug/kg	J1

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-008	4040469	G4B020128015	8081A	Endrin aldehyde	2.3	4.40	ug/kg	J1
SS-RABE-008	4040469	G4B020128015	8081A	Heptachlor	21	2.20	ug/kg	J
SS-RABE-008	4040469	G4B020128015	8081A	Heptachlor epoxide	2.1	2.20	ug/kg	J1
SS-RABE-008-000	200310160113	2003100555-8	8081	Heptachlor	340	110.00	ug/Kg	J
SS-RABE-008-500	200310160113	2003100555-21	8081	Heptachlor	70	11.00	ug/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Antimony	ND	2.30	mg/Kg	R
SS-RABE-009-000	200311030415	2003101093-3	6010B	Arsenic	8.8	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Barium	140	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Beryllium	0.23	0.59	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Cadmium	0.34	0.59	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Chromium	25	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Cobalt	10	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Copper	29	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Lead	3.8	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Molybdenum	0.18	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Nickel	24	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Selenium	0.49	2.30	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Silver	0.21	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-RABE-009-000	200311030415	2003101093-3	6010B	Vanadium	73	1.20	mg/Kg	J
SS-RABE-009-000	200311030415	2003101093-3	6010B	Zinc	52	1.20	mg/Kg	J
SS-RABE-009-000	200311030216	2003101093-3	7471A	Mercury	0.057	0.06	mg/Kg	J1
SS-RABE-010-000	3293566	G3J160414001	8290	1,2,3,4,6,7,8-HpCDF	2.8		pg/g	UJ
SS-RABE-010-000	200310150415	2003100555-9	6010B	Antimony	ND	2.10	mg/Kg	R
SS-RABE-010-000	200310150415	2003100555-9	6010B	Arsenic	8.2	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Barium	170	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Beryllium	0.36	0.53	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Cadmium	ND	0.53	mg/Kg	UJ

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-010-000	200310150415	2003100555-9	6010B	Chromium	31	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Cobalt	13	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Lead	15	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Molybdenum	0.033	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Nickel	33	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Selenium	1.7	2.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-010-000	200310150415	2003100555-9	6010B	Vanadium	51	1.10	mg/Kg	J
SS-RABE-010-000	200310150415	2003100555-9	6010B	Zinc	56	1.10	mg/Kg	J
SS-RABE-011-000	3293566	G3J160414002	8290	1,2,3,4,6,7,8-HpCDF	4.6		pg/g	UJ
SS-RABE-011-000	200310150415	2003100555-10	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-011-000	200310150415	2003100555-10	6010B	Arsenic	7.8	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Barium	170	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Beryllium	0.41	0.56	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Cadmium	ND	0.56	mg/Kg	UJ
SS-RABE-011-000	200310150415	2003100555-10	6010B	Chromium	35	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Cobalt	15	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Lead	12	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Molybdenum	0.097	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Nickel	37	1.10	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Selenium	1.5	2.20	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-011-000	200310150415	2003100555-10	6010B	Vanadium	49	1.1	mg/Kg	J
SS-RABE-011-000	200310150415	2003100555-10	6010B	Zinc	64	1.10	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-012-000	200310150415	2003100555-11	6010B	Arsenic	9.8	1.10	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Barium	170	1.10	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Beryllium	0.40	0.55	mg/Kg	J

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Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-012-000	200310150415	2003100555-11	6010B	Cadmium	ND	0.55	mg/Kg	UJ
SS-RABE-012-000	200310150415	2003100555-11	6010B	Chromium	33	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Cobalt	14	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Lead	27	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Molybdenum	0.085	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Nickel	36	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Selenium	1.4	2.2	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Thallium	ND	1.1	mg/Kg	UJ
SS-RABE-012-000	200310150415	2003100555-11	6010B	Vanadium	51	1.1	mg/Kg	J
SS-RABE-012-000	200310150415	2003100555-11	6010B	Zinc	61	1.1	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Antimony	ND	2.30	mg/Kg	R
SS-RABE-013-000	200310150415	2003100555-12	6010B	Arsenic	8.0	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Barium	100	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Beryllium	0.34	0.58	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-RABE-013-000	200310150415	2003100555-12	6010B	Chromium	34	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Cobalt	12	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Lead	6.0	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Molybdenum	0.072	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Nickel	40	1.20	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Selenium	2.9	2.30	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-RABE-013-000	200310150415	2003100555-12	6010B	Vanadium	40	1.2	mg/Kg	J
SS-RABE-013-000	200310150415	2003100555-12	6010B	Zinc	69	1.20	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-014-000	200310150415	2003100555-13	6010B	Arsenic	7.6	1.1	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Barium	150	1.1	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Beryllium	0.37	0.54	mg/Kg	J

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-014-000	200310150415	2003100555-13	6010B	Cadmium	ND	0.54	mg/Kg	UJ
SS-RABE-014-000	200310150415	2003100555-13	6010B	Chromium	31	1.1	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Cobalt	12	1.10	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Lead	8.6	1.10	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Molybdenum	0.10	1.10	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Nickel	32	1.10	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Selenium	1.1	2.20	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-014-000	200310150415	2003100555-13	6010B	Vanadium	49	1.10	mg/Kg	J
SS-RABE-014-000	200310150415	2003100555-13	6010B	Zinc	55	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-015-000	200310150415	2003100555-14	6010B	Arsenic	8.7	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Barium	210	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Beryllium	0.41	0.55	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Cadmium	ND	0.55	mg/Kg	UJ
SS-RABE-015-000	200310150415	2003100555-14	6010B	Chromium	33	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Cobalt	20	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Lead	8.1	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Molybdenum	0.051	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Nickel	42	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Selenium	1.4	2.20	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-015-000	200310150415	2003100555-14	6010B	Vanadium	53	1.10	mg/Kg	J
SS-RABE-015-000	200310150415	2003100555-14	6010B	Zinc	58	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-016-000	200310150415	2003100555-15	6010B	Arsenic	7.9	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Barium	130	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Beryllium	0.14	0.55	mg/Kg	J

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-016-000	200310150415	2003100555-15	6010B	Cadmium	ND	0.55	mg/Kg	UJ
SS-RABE-016-000	200310150415	2003100555-15	6010B	Chromium	30	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Cobalt	14	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Lead	6.0	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Molybdenum	0.040	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Nickel	31	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Selenium	2.8	2.20	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-016-000	200310150415	2003100555-15	6010B	Vanadium	60	1.10	mg/Kg	J
SS-RABE-016-000	200310150415	2003100555-15	6010B	Zinc	63	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Antimony	ND	2.30	mg/Kg	R
SS-RABE-017-000	200310150415	2003100555-16	6010B	Arsenic	5.9	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Barium	220	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Beryllium	0.50	0.57	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-RABE-017-000	200310150415	2003100555-16	6010B	Chromium	42	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Cobalt	16	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Lead	9.2	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-RABE-017-000	200310150415	2003100555-16	6010B	Nickel	50	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Selenium	2.3	2.30	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-017-000	200310150415	2003100555-16	6010B	Vanadium	50	1.10	mg/Kg	J
SS-RABE-017-000	200310150415	2003100555-16	6010B	Zinc	79	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Antimony	ND	2.30	mg/Kg	R
SS-RABE-017-500	200310150415	2003100555-22	6010B	Arsenic	6.9	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Barium	210	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Beryllium	0.48	0.57	mg/Kg	J

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-017-500	200310150415	2003100555-22	6010B	Cadmium	ND	0.57	mg/Kg	UJ
SS-RABE-017-500	200310150415	2003100555-22	6010B	Chromium	42	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Cobalt	18	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Lead	10	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-RABE-017-500	200310150415	2003100555-22	6010B	Nickel	51	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Selenium	2.0	2.30	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-017-500	200310150415	2003100555-22	6010B	Vanadium	50	1.10	mg/Kg	J
SS-RABE-017-500	200310150415	2003100555-22	6010B	Zinc	77	1.10	mg/Kg	J
SS-RABE-017-500	200310150216	2003100555-22	7471A	Mercury	0.048	0.06	mg/Kg	J1
SS-RABE-018-000	200310150415	2003100555-17	6010B	Antimony	ND	2.10	mg/Kg	R
SS-RABE-018-000	200310150415	2003100555-17	6010B	Arsenic	8.2	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Barium	140	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Beryllium	0.28	0.53	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Cadmium	ND	0.53	mg/Kg	UJ
SS-RABE-018-000	200310150415	2003100555-17	6010B	Chromium	24	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Cobalt	13	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Lead	14	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-RABE-018-000	200310150415	2003100555-17	6010B	Nickel	27	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Selenium	1.6	2.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-018-000	200310150415	2003100555-17	6010B	Vanadium	52	1.10	mg/Kg	J
SS-RABE-018-000	200310150415	2003100555-17	6010B	Zinc	49	1.10	mg/Kg	J
SS-RABE-018-000	200310150216	2003100555-17	7471A	Mercury	0.043	0.05	mg/Kg	J1
SS-RABE-019-000	200310150415	2003100555-18	6010B	Antimony	ND	2.20	mg/Kg	R
SS-RABE-019-000	200310150415	2003100555-18	6010B	Arsenic	9.0	1.10	mg/Kg	J

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-019-000	200310150415	2003100555-18	6010B	Barium	150	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Beryllium	0.36	0.55	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Cadmium	ND	0.55	mg/Kg	UJ
SS-RABE-019-000	200310150415	2003100555-18	6010B	Chromium	32	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Cobalt	13	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Lead	5.8	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-RABE-019-000	200310150415	2003100555-18	6010B	Nickel	29	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Selenium	2.3	2.20	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-019-000	200310150415	2003100555-18	6010B	Vanadium	54	1.10	mg/Kg	J
SS-RABE-019-000	200310150415	2003100555-18	6010B	Zinc	57	1.10	mg/Kg	J
SS-RABE-019-000	200310150216	2003100555-18	7471A	Mercury	0.051	0.06	mg/Kg	J1
SS-RABE-020-000	200310150415	2003100555-19	6010B	Antimony	ND	2.30	mg/Kg	R
SS-RABE-020-000	200310150415	2003100555-19	6010B	Arsenic	3.9	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Barium	270	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Beryllium	0.45	0.58	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Cadmium	ND	0.58	mg/Kg	UJ
SS-RABE-020-000	200310150415	2003100555-19	6010B	Chromium	36	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Cobalt	21	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Lead	14	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Molybdenum	0.037	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Nickel	48	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Selenium	1.7	2.30	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Thallium	ND	1.20	mg/Kg	UJ
SS-RABE-020-000	200310150415	2003100555-19	6010B	Vanadium	44	1.20	mg/Kg	J
SS-RABE-020-000	200310150415	2003100555-19	6010B	Zinc	84	1.20	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Antimony	ND	2.20	mg/Kg	R

Table C-2g
Summary of Qualified Results - Ridge Area Stockpile Footprints
Tourtelot Property, Benicia, California

Field ID	Batch Number	Lab Sample ID	Analytical Method	Analyte	Result	Reporting Limit	Units	Qualifier
SS-RABE-021-000	200310150415	2003100555-20	6010B	Arsenic	14	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Barium	250	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Beryllium	0.41	0.56	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Cadmium	ND	0.56	mg/Kg	UJ
SS-RABE-021-000	200310150415	2003100555-20	6010B	Chromium	33	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Cobalt	9.8	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Lead	34	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Molybdenum	ND	1.10	mg/Kg	UJ
SS-RABE-021-000	200310150415	2003100555-20	6010B	Nickel	33	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Selenium	1.5	2.20	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Thallium	ND	1.10	mg/Kg	UJ
SS-RABE-021-000	200310150415	2003100555-20	6010B	Vanadium	53	1.10	mg/Kg	J
SS-RABE-021-000	200310150415	2003100555-20	6010B	Zinc	76	1.10	mg/Kg	J

Notes:
mg/kg - milligram per kilogram
ug/L - microgram per liter
J[1] - The concentration is approximate because it is less than the reporting limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
ND - Not detected
NR - Not reported. For method 8290, the reporting limit is not quantified when the compound is detected.
R - Result rejected based on QC evaluations.
UJ - The analyte was not detected. However, the reported quantitation limit is approximate and may or may not represent the actual limits of quantitation necessary to accurately and precisely measure the analyte in the sample.
ug/kg - microgram per kilogram

APPENDIX D

Table D-1a
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Lab Submission Number	Sub Area	Sample ID
2002090104	F2	ER-RAF2-001
2002090104	F2	SS-RAF2-001,002,003,004
2002090104	F2	SS-RAF2-005
2002090635	3D	ER-SWBP-005
2002090635	3D	SS-SWBP-018
2002100100	3D	ER-SWBP-006
2002100100	3D	SS-SWBP-019
2002100100	3D	SS-SWBP-020
2002100359	3D	ER-SWBP-007
2002100359	3D	SS-SWBP-021
2002100359	3D	SS-SWBP-022
2002100359	3D	SS-SWBP-023
2002100391	3D	ER-SWBP-008
2002100391	3D	SS-SWBP-024
2002100581	3D	ER-SWBP-009
2002100581	3D	SS-SWBP-025
2002110377	F3	ER-SVF3-002
2002110377	F3	SS-SVF3-003
2002110377	F3	SS-SVF3-004
2002110418	RA	ER-RASB-001
2002110418	RA	SS-RASB-001
2002110418	RA	SS-RASB-002

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Lab Submission Number	Sub Area	Sample ID
2002110451	F2	SS-RAF2-001,002,003,004
2002110497	F2	ER-RAF2-002
2002110497	F2	SS-RAF2-006
2002120126	3D	ER-SWBP-010
2002120126	3D	SS-SWBP-026
2003060788	F3	ER-SVF3-013-001
2003060788	F3	ER-SVF3-014
2003070391	3D	SB-3DSI-I01-000.5
2003070391	3D	SB-3DSI-I01-001
2003070391	3D	SB-3DSI-I01-001.5
2003070391	3D	SB-3DSI-K01-000.5
2003070391	3D	SB-3DSI-K01-001
2003070429	3D	SB-3DSI-K01-001.5
2003070429	3D	SB-3DSI-K01-002
2003080025	RA	SB-RSPWC-001
2003080581	F1	ER-F1SI-002
2003080581	F1	SS-F1BE-031
2003080581	F1	SS-F1BE-032
2003080581	F1	SS-F1BE-035
2003080581	F1	SS-F1BE-036
2003080581	F1	SS-F1BE-037
2003080581	F1	SS-F1BE-038

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Lab Submission Number	Sub Area	Sample ID
2003080646	3D	SS-3DSP1-001
2003080646	3D	SS-3DSP1-002
2003080646	3D	SS-3DSP1-003
2003080646	3D	SS-3DSP1-004
2003080646	3D	SS-3DSP1-005
2003080646	3D	SS-3DSP1-006
2003080646	3D	SS-3DSP1-007
2003080646	3D	SS-3DSP1-008
2003080646	3D	SS-3DSP1-009
2003080646	3D	SS-3DSP1-010
2003080646	MI	SS-3DSP2-001
2003080646	MI	SS-3DSP2-002
2003080646	MI	SS-3DSP2-003
2003080646	MI	SS-3DSP2-004
2003080646	MI	SS-3DSP2-005
2003080646	MI	SS-3DSP2-006
2003080646	MI	SS-3DSP2-007
2003080646	MI	SS-3DSP2-008
2003080646	MI	SS-3DSP2-009
2003080646	MI	SS-3DSP2-010
2003090497	3D	ER-3DBE-001
2003090497	3D	SS-3DBE-001

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Lab Submission Number	Sub Area	Sample ID
2003090497	3D	SS-3DBE-002
2003090497	3D	SS-3DBE-003
2003090497	3D	SS-3DBE-004
2003090497	3D	SS-3DBE-005
2003090497	3D	SS-3DBE-006
2003090497	3D	SS-3DBE-007
2003090497	3D	SS-3DBE-008
2003090497	3D	SS-3DBE-009
2003090497	3D	SS-3DBE-010
2003090497	3D	SS-3DBE-011
2003090497	3D	SS-3DBE-012
2003090497	3D	SS-3DBE-013
2003090497	3D	SS-3DBE-014
2003090497	3D	SS-3DBE-015
2003090497	3D	SS-3DBE-016
2003090497	3D	SS-3DBE-017
2003090497	3D	SS-3DBE-018
2003090497	3D	SS-3DBE-019
2003090497	3D	SS-3DBE-020
2003090497	3D	SS-3DBE-021
2003090497	3D	SS-3DBE-022
2003090497	3D	SS-3DBE-023

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Lab Submission Number	Sub Area	Sample ID
2003090497	3D	SS-3DBE-024
2003090497	3D	SS-3DBE-025
2003090497	3D	SS-3DBE-026
2003090497	3D	SS-3DBE-027
2003090497	3D	SS-3DBE-028
2003090497	3D	SS-3DBE-029
2003090497	3D	SS-3DBE-030
2003090497	3D	SS-3DBE-031
2003090497	3D	SS-3DBE-032
2003090497	3D	SS-3DBE-033
2003090497	3D	SS-3DBE-034
2003090497	3D	SS-3DBE-035
2003090497	3D	SS-3DBE-039
2003090497	3D	SS-3DBE-040
2003090497	3D	SS-3DBE-041
2003090497	3D	SS-3DBE-042
2003090497	3D	SS-3DBE-043
2003090497	3D	SS-3DBE-044
2003090497	3D	SS-3DBE-045
2003090497	3D	SS-3DBE-054
2003090497	3D	SS-3DBE-055
2003090497	3D	SS-3DBE-056

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Lab Submission Number	Sub Area	Sample ID
2003090497	3D	SS-3DBE-059
2003090497	3D	SS-3DBE-060
2003090497	3D	SS-3DBE-061
2003090497	3D	SS-3DBE-062
2003090497	3D	SS-3DBE-063
2003090497	3D	SS-3DBE-072
2003090497	3D	SS-3DBE-073
2003090497	3D	SS-3DBE-082
2003090497	3D	SS-3DBE-084
2003090497	3D	SS-3DBE-508
2003090497	3D	SS-3DBE-516
2003090497	3D	SS-3DBE-530
2003090497	3D	SS-3DBE-560
2003090497	3D	SS-3DBE-573
2003090537	3D	ER-3DBE-002
2003090537	3D	SS-3DBE-036
2003090537	3D	SS-3DBE-037
2003090537	3D	SS-3DBE-038
2003090537	3D	SS-3DBE-046
2003090537	3D	SS-3DBE-047
2003090537	3D	SS-3DBE-048
2003090537	3D	SS-3DBE-049

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Lab Submission Number	Sub Area	Sample ID
2003090537	3D	SS-3DBE-050
2003090537	3D	SS-3DBE-051
2003090537	3D	SS-3DBE-052
2003090537	3D	SS-3DBE-053
2003090537	3D	SS-3DBE-056
2003090537	3D	SS-3DBE-058
2003090537	3D	SS-3DBE-064
2003090537	3D	SS-3DBE-066
2003090537	3D	SS-3DBE-067
2003090537	3D	SS-3DBE-068
2003090537	3D	SS-3DBE-069
2003090537	3D	SS-3DBE-070
2003090537	3D	SS-3DBE-071
2003090537	3D	SS-3DBE-077
2003090537	3D	SS-3DBE-078
2003090537	3D	SS-3DBE-079
2003090537	3D	SS-3DBE-080
2003090537	3D	SS-3DBE-081
2003090537	3D	SS-3DBE-083
2003090537	3D	SS-3DBE-547
2003090537	3D	SS-3DBE-564
2003090537	3D	SS-3DBE-580

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Lab Submission Number	Sub Area	Sample ID
2003090537	3D	SS-3DSW-027
2003090537	3D	SS-3DSW-028
2003090537	3D	SS-3DSW-029
2003090537	3D	SS-3DSW-035
2003090537	3D	SS-3DSW-039
2003090537	3D	SS-3DSW-045
2003090537	3D	SS-3DSW-057
2003090537	3D	SS-3DSW-527
2003090792	F1	SS-F1SP1-001
2003090792	F1	SS-F1SP1-002
2003090792	F1	SS-F1SP2-002
2003090792	F1	SS-F1SP2-003
2003090973	F1	ER-F1BE-003
2003090973	F1	SS-F1BE-001-001
2003090973	F1	SS-F1BE-002-001
2003090973	F1	SS-F1BE-006-001
2003090973	F1	SS-F1BE-007-001
2003090973	F1	SS-F1BE-008-001
2003090973	F1	SS-F1BE-009-001
2003090973	F1	SS-F1BE-010-001
2003090973	F1	SS-F1BE-018-001
2003090973	F1	SS-F1BE-018-501

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Lab Submission Number	Sub Area	Sample ID
2003090973	F1	SS-F1BE-021-001
2003100029	3D	SS-3DSP1-001
2003100029	3D	SS-3DSP1-002
2003100029	3D	SS-3DSP1-003
2003100029	3D	SS-3DSP1-004
2003100029	3D	SS-3DSP1-005
2003100029	3D	SS-3DSP1-006
2003100029	3D	SS-3DSP1-007
2003100029	3D	SS-3DSP1-008
2003100029	3D	SS-3DSP1-009
2003100029	3D	SS-3DSP1-010
2003100029	MI	SS-3DSP2-001
2003100029	MI	SS-3DSP2-002
2003100029	MI	SS-3DSP2-003
2003100029	MI	SS-3DSP2-004
2003100029	MI	SS-3DSP2-005
2003100029	MI	SS-3DSP2-006
2003100029	MI	SS-3DSP2-007
2003100029	MI	SS-3DSP2-008
2003100029	MI	SS-3DSP2-009
2003100029	MI	SS-3DSP2-010
2003100030	F1	SS-F1SP1-001

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Lab Submission Number	Sub Area	Sample ID
2003100030	F1	SS-F1SP1-002
2003100030	F1	SS-F1SP2-001
2003100030	F1	SS-F1SP2-002
2003100030	F1	SS-F1SP2-003
2003100187	3D	ER-3DBE-002
2003100187	3D	SS-3DBE-047
2003100187	3D	SS-3DBE-064
2003100187	3D	SS-3DBE-079
2003100187	3D	SS-3DSW-039
2003100188	3D	ER-3DBE-001
2003100188	3D	SS-3DBE-002
2003100188	3D	SS-3DBE-027
2003100188	3D	SS-3DBE-032
2003100188	3D	SS-3DBE-035
2003100188	3D	SS-3DBE-054
2003100188	3D	SS-3DBE-060
2003100188	3D	SS-3DBE-560
2003100555	RA	SS-RABE-001-000
2003100555	RA	SS-RABE-001-000
2003100555	RA	SS-RABE-002-000
2003100555	RA	SS-RABE-003-000
2003100555	RA	SS-RABE-004-000

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Lab Submission Number	Sub Area	Sample ID
2003100555	RA	SS-RABE-005-000
2003100555	RA	SS-RABE-006-000
2003100555	RA	SS-RABE-007-000
2003100555	RA	SS-RABE-008-000
2003100555	RA	SS-RABE-008-500
2003100555	RA	SS-RABE-010-000
2003100555	RA	SS-RABE-011-000
2003100555	RA	SS-RABE-012-000
2003100555	RA	SS-RABE-013-000
2003100555	RA	SS-RABE-014-000
2003100555	RA	SS-RABE-015-000
2003100555	RA	SS-RABE-016-000
2003100555	RA	SS-RABE-017-000
2003100555	RA	SS-RABE-018-000
2003100555	RA	SS-RABE-019-000
2003100555	RA	SS-RABE-020-000
2003100555	RA	SS-RABE-021-000
2003100642	F2	SS-F2SP-001-000
2003100642	F2	SS-F2SP-001-500
2003100642	F2	SS-F2SP-002-000
2003100642	F3	SS-F3SP-001-000
2003100719	F2	SS-F2BE-002-000-RS

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Lab Submission Number	Sub Area	Sample ID
2003100719	F2	SS-F2BE-003-000
2003100719	F2	SS-F2SW-005-000
2003100719	F2	SS-F2SW-006-000
2003100719	F2	SS-F2SW-007-000
2003100873	F3	SS-F3BE-003-000
2003100873	F3	SS-F3BE-005-000
2003100873	F3	SS-F3BE-005-000
2003100873	F3	SS-F3SW-001-000
2003100873	F3	SS-F3SW-001-500
2003100873	F3	SS-F3SW-002-000
2003100873	F3	SS-F3SW-003-000
2003100873	F3	SS-F3SW-003-000
2003100873	F3	SS-F3SW-004-000
2003100873	F3	SS-F3SW-004-500
2003100874	3D	SB-3DSI-079-101
2003101011	F3	SS-F3BE-001-000
2003101011	F3	SS-F3BE-002-000
2003101011	F3	SS-F3BE-004-000
2003101011	F3	SS-F3BE-006-000
2003101011	F3	SS-F3BE-007-000
2003101011	F3	SS-F3BE-007-500
2003101093	RA	SS-RABE-008-000-RS

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Lab Submission Number	Sub Area	Sample ID
2003101093	RA	SS-RABE-008-500-RS
2003101093	RA	SS-RABE-009-000
2003110280	1D	ER-1DSP-001
2003110280	1D	SS-1DSP-001
2003110280	1D	SS-1DSP-002
2003110280	1D	SS-1DSP-003
2003110280	1D	SS-1DSP-502
2003110372	1D	SS-1DBE-004
2003110372	1D	SS-1DBE-005
2003110372	1D	SS-1DBE-006
2003110372	1D	SS-1DBE-007
2003110372	1D	SS-1DBE-008
2003110372	1D	SS-1DBE-009
2003110372	1D	SS-1DBE-010
2003110372	1D	SS-1DBE-011
2003110372	1D	SS-1DBE-012
2003110372	1D	SS-1DBE-510
2003110372	1D	SS-1DSW-005
2003110372	1D	SS-1DSW-006
2003110373	3D	SS-3DSI-079-002
2003110415	1D	SS-1DSW-007
2003110415	1D	SS-1DSW-008

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Lab Submission Number	Sub Area	Sample ID
2003110415	1D	SS-1DSW-009
2003110415	1D	SS-1DSW-010
2003110415	1D	SS-1DSW-011
2003110415	1D	SS-1DSW-012
2003110415	1D	SS-1DSW-013
2003110415	1D	SS-1DSW-014
2003110415	1D	SS-1DSW-015
2003110415	1D	SS-1DSW-016
2003110415	1D	SS-1DSW-017
2003110415	1D	SS-1DSW-018
2003110415	1D	SS-1DSW-019
2003110415	1D	SS-1DSW-507
2003110476	1D	ER-1DSI-002
2003110476	1D	ER-1DSI-003
2003110476	3D	ER-3DSI-003
2004020009	F2	ER-F23SF-002
2004020009	F1	SS-F1SF-001
2004020009	F1	SS-F1SF-002
2004020009	F1	SS-F1SF-003
2004020009	F1	SS-F1SF-004
2004020009	F1	SS-F1SF-005
2004020009	F1	SS-F1SF-006

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Lab Submission Number	Sub Area	Sample ID
2004020009	F2	SS-F23SF-001
2004020009	F2	SS-F23SF-012
2004020009	F2	SS-F23SF-013
2004020009	F2	SS-F23SF-014
2004020009	F2	SS-F2SF-001
2004020009	F3	SS-F3SF-001
2004020009	F3	SS-F3SF-002
2004020009	RA	SS-RABE-008
D3H160179	F1	SS-F1BE-001
D3H160179	F1	SS-F1BE-002
D3H160179	F1	SS-F1BE-003
D3H160179	F1	SS-F1BE-004
D3H160179	F1	SS-F1BE-005
D3H160179	F1	SS-F1BE-006
D3H160179	F1	SS-F1BE-007
D3H160179	F1	SS-F1BE-008
D3H160179	F1	SS-F1BE-009
D3H160179	F1	SS-F1BE-010
D3H160179	F1	SS-F1BE-011
D3H160179	F1	SS-F1BE-012
D3H160179	F1	SS-F1BE-013
D3H160179	F1	SS-F1BE-014

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Lab Submission Number	Sub Area	Sample ID
D3H160179	F1	SS-F1BE-017
D3H160179	F1	SS-F1BE-018
D3H160179	F1	SS-F1BE-019
D3H160179	F1	SS-F1BE-021
D3H160179	F1	SS-F1BE-022
D3H160179	F1	SS-F1BE-024
D3H160179	F1	SS-F1BE-025
D3H160179	F1	SS-F1BE-028
D3H160179	F1	SS-F1BE-029
D3H160179	F1	SS-F1BE-030
D3H160179	F1	SS-F1BE-05D
D3H160179	F1	SS-F1BE-19D
D3H160179	F1	SS-F1SE-015
D3H160179	F1	SS-F1SE-016
D3H160179	F1	SS-F1SE-020
D3H160179	F1	SS-F1SE-023
D3H160179	F1	SS-F1SE-026
D3H160179	F1	SS-F1SE-027
D3H160179	F1	SS-F1SE-16D
D3H190293	F1	ER-F1SE-001
D3H200242	F1	SS-F1BE-031
D3H200242	F1	SS-F1BE-032

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Lab Submission Number	Sub Area	Sample ID
D3H200242	F1	SS-F1BE-035
D3H200242	F1	SS-F1BE-036
D3H200242	F1	SS-F1BE-037
D3H200242	F1	SS-F1BE-038
D3I190410	1D	ER-1DSI-001
D3I190410	1D	SB-1DSI-001-001
D3I190410	1D	SB-1DSI-001-003
D3I190410	1D	SB-1DSI-001-005
D3I190410	1D	SB-1DSI-002-001
D3I190410	1D	SB-1DSI-002-003
D3I190410	1D	SB-1DSI-002-005
D3I190410	1D	SB-1DSI-002-503
D3I190410	1D	SB-1DSI-003-001
D3I190410	1D	SB-1DSI-003-003
D3I190410	1D	SB-1DSI-003-005
D3I190410	1D	SB-1DSI-004-001
D3I190410	1D	SB-1DSI-005-001
D3I190410	1D	SB-1DSI-005-003
D3I190410	1D	SB-1DSI-005-501
D3I190410	1D	SB-1DSI-006-001
D3I190410	1D	SB-1DSI-006-003
D3I270148	F2	SS-F2BE-001-001

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Lab Submission Number	Sub Area	Sample ID
D3I270148	F2	SS-F2BE-002-001
D3I270148	F2	SS-F2SW-002-001
D3I270148	F2	SS-F2SW-003-001
D3I270148	F2	SS-F2SW-004-001
D3I300235	F2	SS-F2SW-001-001
D3J210222	3D	SS-3DSP1-003-RS
D3J210222	3D	SS-3DSP1-004-RS
D3J210222	F2	SS-F2BE-002-000-RS
D3J210222	F2	SS-F2BE-003-000-RS
G2G250385	3D	ER-SWBP-001
G2G310302	3D	ER-SWBP-002
G2H060150	3D	ER-SWBP-003
G2I050242	F2	ER-RAF2-001
G2I050242	F2	SS-RAF2-001,002,003,004
G2I120208	3D	ER-SWBP-004
G2J010183	3D	ER-SWBP-005
G2J010183	3D	SS-SWBP-018
G2J080181	3D	ER-SWBP-006
G2J080181	3D	SS-SWBP-019
G2J080181	3D	SS-SWBP-020
G2J170400	3D	ER-SWBP-007
G2J170400	3D	SS-SWBP-021

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Lab Submission Number	Sub Area	Sample ID
G2J170400	3D	SS-SWBP-022
G2J170400	3D	SS-SWBP-023
G2J190188	3D	ER-SWBP-008
G2J190188	3D	SS-SWBP-024
G2J300204	3D	ER-SWBP-009
G2J300204	3D	SS-SWBP-025
G2K190283	F3	ER-SVF3-002
G2K190283	F3	SS-SVF3-003
G2K190283	F3	SS-SVF3-004
G2K210269	RA	ER-RASB-001
G2K210269	RA	SS-RASB-001
G2K210269	RA	SS-RASB-002
G2L100291	3D	ER-SWBP-010
G2L100291	3D	SS-SWBP-026
G3A100217	3D	ER-SWBP-011
G3A100217	3D	SS-SWBP-027
G3A100217	3D	SS-SWBP-028
G3B180256	3D	ER-SWBP-012
G3B180256	3D	SS-SWBP-29
G3F130319	F3	ER-SVF3-013-001
G3F130319	F3	SB-SVF3-001-001
G3F130319	F3	SB-SVF3-002-001

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Lab Submission Number	Sub Area	Sample ID
G3F130319	F3	SB-SVF3-003-001
G3F130319	F3	SB-SVF3-004-001
G3F160204	F3	ER-SVF3-014
G3F160204	F3	SB-SVF3-005-001
G3G050118	F3	ER-SVF3-001
G3G050118	F3	ER-SVF3-014
G3G050118	F3	SB-SVF3-001-001
G3G050118	F3	SB-SVF3-001-003.5
G3G050118	F3	SB-SVF3-002-001.0
G3G050118	F3	SB-SVF3-003-001
G3G050118	F3	SB-SVF3-003-003
G3G050118	F3	SB-SVF3-004-001
G3G050118	F3	SB-SVF3-004-002.5
G3G050118	F3	SB-SVF3-005-001.0
G3G050118	F3	SB-SVF3-005-003
G3G050118	F3	SB-SVF3-006-001
G3G050118	F3	SB-SVF3-007-001
G3G050118	F3	SB-SVF3-008-001.0
G3H150403	F1	SS-F1BE-021
G3H150403	F1	SS-F1SE-016
G3H150403	F1	SS-F1SE-026
G3H210372	3D	SS-3DSP1-010

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Lab Submission Number	Sub Area	Sample ID
G3H210372	MI	SS-3DSP2-002
G3H210372	F1	SS-F1SP1-001
G3H210372	F1	SS-F1SP1-002
G3I160219	3D	SS-3DBE-001
G3I160219	3D	SS-3DBE-002
G3I160219	3D	SS-3DBE-003
G3I160219	3D	SS-3DBE-004
G3I160219	3D	SS-3DBE-021
G3I160219	3D	SS-3DBE-022
G3I160219	3D	SS-3DBE-023
G3I160219	3D	SS-3DBE-024
G3I160219	3D	SS-3DBE-025
G3I160219	3D	SS-3DBE-026
G3I160219	3D	SS-3DBE-027
G3I160219	3D	SS-3DBE-028
G3I160219	3D	SS-3DBE-029
G3I160219	3D	SS-3DBE-030
G3I160219	3D	SS-3DBE-031
G3I160219	3D	SS-3DBE-032
G3I160219	3D	SS-3DBE-033
G3I160219	3D	SS-3DBE-034
G3I160219	3D	SS-3DBE-035

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Lab Submission Number	Sub Area	Sample ID
G3I160219	3D	SS-3DBE-039
G3I160222	3D	SS-3DBE-013
G3I160222	3D	SS-3DBE-014
G3I160222	3D	SS-3DBE-015
G3I160222	3D	SS-3DBE-016
G3I160222	3D	SS-3DBE-017
G3I160222	3D	SS-3DBE-018
G3I160222	3D	SS-3DBE-019
G3I160222	3D	SS-3DBE-020
G3I160222	3D	SS-3DBE-040
G3I160222	3D	SS-3DBE-041
G3I160222	3D	SS-3DBE-042
G3I160222	3D	SS-3DBE-043
G3I160222	3D	SS-3DBE-044
G3I160222	3D	SS-3DBE-045
G3I160222	3D	SS-3DBE-054
G3I160222	3D	SS-3DBE-055
G3I160222	3D	SS-3DBE-056
G3I160222	3D	SS-3DBE-059
G3I160222	3D	SS-3DBE-060
G3I160222	3D	SS-3DBE-061
G3I160225	3D	ER-3DBE-001

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Lab Submission Number	Sub Area	Sample ID
G3I160225	3D	SS-3DBE-005
G3I160225	3D	SS-3DBE-006
G3I160225	3D	SS-3DBE-007
G3I160225	3D	SS-3DBE-008
G3I160225	3D	SS-3DBE-009
G3I160225	3D	SS-3DBE-010
G3I160225	3D	SS-3DBE-011
G3I160225	3D	SS-3DBE-012
G3I160225	3D	SS-3DBE-062
G3I160225	3D	SS-3DBE-063
G3I160225	3D	SS-3DBE-072
G3I160225	3D	SS-3DBE-073
G3I160225	3D	SS-3DBE-082
G3I160225	3D	SS-3DBE-084
G3I160225	3D	SS-3DBE-508
G3I160225	3D	SS-3DBE-516
G3I160225	3D	SS-3DBE-530
G3I160225	3D	SS-3DBE-555
G3I160225	3D	SS-3DBE-560
G3I160225	3D	SS-3DBE-573
G3I160339	3D	ER-3DBE-002
G3I160340	3D	SS-3DBE-058

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Lab Submission Number	Sub Area	Sample ID
G3I160340	3D	SS-3DBE-064
G3I160340	3D	SS-3DBE-066
G3I160340	3D	SS-3DBE-067
G3I160340	3D	SS-3DBE-068
G3I160340	3D	SS-3DBE-069
G3I160340	3D	SS-3DBE-070
G3I160340	3D	SS-3DBE-071
G3I160340	3D	SS-3DBE-077
G3I160340	3D	SS-3DBE-078
G3I160340	3D	SS-3DBE-079
G3I160340	3D	SS-3DBE-080
G3I160340	3D	SS-3DBE-081
G3I160340	3D	SS-3DBE-083
G3I160340	3D	SS-3DBE-547
G3I160340	3D	SS-3DBE-564
G3I160340	3D	SS-3DBE-580
G3I160340	3D	SS-3DSW-057
G3I160340	3D	SS-3DSW-527
G3I160341	3D	SS-3DBE-036
G3I160341	3D	SS-3DBE-037
G3I160341	3D	SS-3DBE-038
G3I160341	3D	SS-3DBE-046

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Lab Submission Number	Sub Area	Sample ID
G3I160341	3D	SS-3DBE-047
G3I160341	3D	SS-3DBE-048
G3I160341	3D	SS-3DBE-049
G3I160341	3D	SS-3DBE-050
G3I160341	3D	SS-3DBE-051
G3I160341	3D	SS-3DBE-052
G3I160341	3D	SS-3DBE-053
G3I160341	3D	SS-3DBE-056
G3I160341	3D	SS-3DSP1-010
G3I160341	MI	SS-3DSP2-002
G3I160341	3D	SS-3DSW-027
G3I160341	3D	SS-3DSW-028
G3I160341	3D	SS-3DSW-029
G3I160341	3D	SS-3DSW-035
G3I160341	3D	SS-3DSW-039
G3I160341	3D	SS-3DSW-045
G3I180380	1D	SB-1DSI-001-001
G3I180380	1D	SB-1DSI-006-003
G3I250349	F1	ER-F1BE-003
G3I250349	F1	SS-F1BE-001-001
G3I250349	F1	SS-F1BE-002-001
G3I250349	F1	SS-F1BE-006-001

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Lab Submission Number	Sub Area	Sample ID
G3I250349	F1	SS-F1BE-007-001
G3I250349	F1	SS-F1BE-008-001
G3I250349	F1	SS-F1BE-009-001
G3I250349	F1	SS-F1BE-010-001
G3I250349	F1	SS-F1BE-018-001
G3I250349	F1	SS-F1BE-018-501
G3I250349	F1	SS-F1BE-021-001
G3I260402	F2	SS-F2SW-004-001
G3J160414	RA	ER-RABE-001
G3J160414	RA	ER-RABE-001
G3J160414	RA	SS-RABE-010-000
G3J160414	RA	SS-RABE-011-000
G3J280222	F3	SS-F3BE-003-000
G3J280222	F3	SS-F3BE-005-000
G3J290249	F3	SS-F3BE-001-000
G3J290249	F3	SS-F3BE-006-000
G3K070179	1D	ER-1DSP-001
G3K070179	1D	SS-1DSP-001
G3K070179	1D	SS-1DSP-002
G3K070179	1D	SS-1DSP-003
G3K070179	1D	SS-1DSP-502
G3K110346	1D	SS-1DBE-004

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Lab Submission Number	Sub Area	Sample ID
G3K110346	1D	SS-1DBE-010
G3K110346	1D	SS-1DBE-510
G4B020128	F1	SS-F1SF-001
G4B020128	F1	SS-F1SF-002
G4B020128	F1	SS-F1SF-003
G4B020128	F1	SS-F1SF-004
G4B020128	F1	SS-F1SF-005
G4B020128	F1	SS-F1SF-006
G4B020128	F2	SS-F23SF-001
G4B020128	F2	SS-F23SF-012
G4B020128	F2	SS-F23SF-013
G4B020128	F2	SS-F23SF-014
G4B020128	F3	SS-F2SF-001
G4B020128	F3	SS-F3SF-001
G4B020128	F3	SS-F3SF-002
G4B020128	RA	SS-RABE-007
G4B020128	RA	SS-RABE-008

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Sample D	Lab Submission Number	Sub Area
ER-1DSI-001	D3I190410	1D
ER-1DSI-002	2003110476	1D
ER-1DSI-003	2003110476	1D
ER-1DSP-001	2003110280	1D
ER-1DSP-001	G3K070179	1D
ER-3DBE-001	2003090497	3D
ER-3DBE-001	2003100188	3D
ER-3DBE-001	G3I160225	3D
ER-3DBE-002	2003090537	3D
ER-3DBE-002	2003100187	3D
ER-3DBE-002	G3I160339	3D
ER-3DSI-003	2003110476	3D
ER-F1BE-003	2003090973	F1
ER-F1BE-003	G3I250349	F1
ER-F1SE-001	D3H190293	F1
ER-F1SI-002	2003080581	F1
ER-F23SF-002	2004020009	F2
ER-RABE-001	G3J160414	RA
ER-RABE-001	G3J160414	RA
ER-RAF2-001	2002090104	F2
ER-RAF2-001	G2I050242	F2
ER-RAF2-002	2002110497	F2

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Sample D	Lab Submission Number	Sub Area
ER-RASB-001	2002110418	RA
ER-RASB-001	G2K210269	RA
ER-SVF3-001	G3G050118	F3
ER-SVF3-002	2002110377	F3
ER-SVF3-002	G2K190283	F3
ER-SVF3-013-001	2003060788	F3
ER-SVF3-013-001	G3F130319	F3
ER-SVF3-014	2003060788	F3
ER-SVF3-014	G3F160204	F3
ER-SVF3-014	G3G050118	F3
ER-SWBP-001	G2G250385	3D
ER-SWBP-002	G2G310302	3D
ER-SWBP-003	G2H060150	3D
ER-SWBP-004	G2I120208	3D
ER-SWBP-005	2002090635	3D
ER-SWBP-005	G2J010183	3D
ER-SWBP-006	2002100100	3D
ER-SWBP-006	G2J080181	3D
ER-SWBP-007	2002100359	3D
ER-SWBP-007	G2J170400	3D
ER-SWBP-008	2002100391	3D
ER-SWBP-008	G2J190188	3D

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Sample D	Lab Submission Number	Sub Area
ER-SWBP-009	2002100581	3D
ER-SWBP-009	G2J300204	3D
ER-SWBP-010	2002120126	3D
ER-SWBP-010	G2L100291	3D
ER-SWBP-011	G3A100217	3D
ER-SWBP-012	G3B180256	3D
SB-1DSI-001-001	D3I190410	1D
SB-1DSI-001-001	G3I180380	1D
SB-1DSI-001-003	D3I190410	1D
SB-1DSI-001-005	D3I190410	1D
SB-1DSI-002-001	D3I190410	1D
SB-1DSI-002-003	D3I190410	1D
SB-1DSI-002-005	D3I190410	1D
SB-1DSI-002-503	D3I190410	1D
SB-1DSI-003-001	D3I190410	1D
SB-1DSI-003-003	D3I190410	1D
SB-1DSI-003-005	D3I190410	1D
SB-1DSI-004-001	D3I190410	1D
SB-1DSI-005-001	D3I190410	1D
SB-1DSI-005-003	D3I190410	1D
SB-1DSI-005-501	D3I190410	1D
SB-1DSI-006-001	D3I190410	1D

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Sample D	Lab Submission Number	Sub Area
SB-1DSI-006-003	D3I190410	1D
SB-1DSI-006-003	G3I180380	1D
SB-3DSI-079-101	2003100874	3D
SB-3DSI-I01-000.5	2003070391	3D
SB-3DSI-I01-001	2003070391	3D
SB-3DSI-I01-001.5	2003070391	3D
SB-3DSI-K01-000.5	2003070391	3D
SB-3DSI-K01-001	2003070391	3D
SB-3DSI-K01-001.5	2003070429	3D
SB-3DSI-K01-002	2003070429	3D
SB-RSPWC-001	2003080025	RA
SB-SVF3-001-001	G3F130319	F3
SB-SVF3-001-001	G3G050118	F3
SB-SVF3-001-003.5	G3G050118	F3
SB-SVF3-002-001	G3F130319	F3
SB-SVF3-002-001.0	G3G050118	F3
SB-SVF3-003-001	G3F130319	F3
SB-SVF3-003-001	G3G050118	F3
SB-SVF3-003-003	G3G050118	F3
SB-SVF3-004-001	G3F130319	F3
SB-SVF3-004-001	G3G050118	F3
SB-SVF3-004-002.5	G3G050118	F3

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Sample D	Lab Submission Number	Sub Area
SB-SVF3-005-001	G3F160204	F3
SB-SVF3-005-001.0	G3G050118	F3
SB-SVF3-005-003	G3G050118	F3
SB-SVF3-006-001	G3G050118	F3
SB-SVF3-007-001	G3G050118	F3
SB-SVF3-008-001.0	G3G050118	F3
SS-1DBE-004	2003110372	1D
SS-1DBE-004	G3K110346	1D
SS-1DBE-005	2003110372	1D
SS-1DBE-006	2003110372	1D
SS-1DBE-007	2003110372	1D
SS-1DBE-008	2003110372	1D
SS-1DBE-009	2003110372	1D
SS-1DBE-010	2003110372	1D
SS-1DBE-010	G3K110346	1D
SS-1DBE-011	2003110372	1D
SS-1DBE-012	2003110372	1D
SS-1DBE-510	2003110372	1D
SS-1DBE-510	G3K110346	1D
SS-1DSP-001	2003110280	1D
SS-1DSP-001	G3K070179	1D
SS-1DSP-002	2003110280	1D

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Sample D	Lab Submission Number	Sub Area
SS-1DSP-002	G3K070179	1D
SS-1DSP-003	2003110280	1D
SS-1DSP-003	G3K070179	1D
SS-1DSP-502	2003110280	1D
SS-1DSP-502	G3K070179	1D
SS-1DSW-005	2003110372	1D
SS-1DSW-006	2003110372	1D
SS-1DSW-007	2003110415	1D
SS-1DSW-008	2003110415	1D
SS-1DSW-009	2003110415	1D
SS-1DSW-010	2003110415	1D
SS-1DSW-011	2003110415	1D
SS-1DSW-012	2003110415	1D
SS-1DSW-013	2003110415	1D
SS-1DSW-014	2003110415	1D
SS-1DSW-015	2003110415	1D
SS-1DSW-016	2003110415	1D
SS-1DSW-017	2003110415	1D
SS-1DSW-018	2003110415	1D
SS-1DSW-019	2003110415	1D
SS-1DSW-507	2003110415	1D
SS-3DBE-001	2003090497	3D

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by Sample ID

Sample D	Lab Submission Number	Sub Area
SS-3DBE-001	G3I160219	3D
SS-3DBE-002	2003090497	3D
SS-3DBE-002	2003100188	3D
SS-3DBE-002	G3I160219	3D
SS-3DBE-003	2003090497	3D
SS-3DBE-003	G3I160219	3D
SS-3DBE-004	2003090497	3D
SS-3DBE-004	G3I160219	3D
SS-3DBE-005	2003090497	3D
SS-3DBE-005	G3I160225	3D
SS-3DBE-006	2003090497	3D
SS-3DBE-006	G3I160225	3D
SS-3DBE-007	2003090497	3D
SS-3DBE-007	G3I160225	3D
SS-3DBE-008	2003090497	3D
SS-3DBE-008	G3I160225	3D
SS-3DBE-009	2003090497	3D
SS-3DBE-009	G3I160225	3D
SS-3DBE-010	2003090497	3D
SS-3DBE-010	G3I160225	3D
SS-3DBE-011	2003090497	3D
SS-3DBE-011	G3I160225	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-012	2003090497	3D
SS-3DBE-012	G3I160225	3D
SS-3DBE-013	2003090497	3D
SS-3DBE-013	G3I160222	3D
SS-3DBE-014	2003090497	3D
SS-3DBE-014	G3I160222	3D
SS-3DBE-015	2003090497	3D
SS-3DBE-015	G3I160222	3D
SS-3DBE-016	2003090497	3D
SS-3DBE-016	G3I160222	3D
SS-3DBE-017	2003090497	3D
SS-3DBE-017	G3I160222	3D
SS-3DBE-018	2003090497	3D
SS-3DBE-018	G3I160222	3D
SS-3DBE-019	2003090497	3D
SS-3DBE-019	G3I160222	3D
SS-3DBE-020	2003090497	3D
SS-3DBE-020	G3I160222	3D
SS-3DBE-021	2003090497	3D
SS-3DBE-021	G3I160219	3D
SS-3DBE-022	2003090497	3D
SS-3DBE-022	G3I160219	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-023	2003090497	3D
SS-3DBE-023	G3I160219	3D
SS-3DBE-024	2003090497	3D
SS-3DBE-024	G3I160219	3D
SS-3DBE-025	2003090497	3D
SS-3DBE-025	G3I160219	3D
SS-3DBE-026	2003090497	3D
SS-3DBE-026	G3I160219	3D
SS-3DBE-027	2003090497	3D
SS-3DBE-027	2003100188	3D
SS-3DBE-027	G3I160219	3D
SS-3DBE-028	2003090497	3D
SS-3DBE-028	G3I160219	3D
SS-3DBE-029	2003090497	3D
SS-3DBE-029	G3I160219	3D
SS-3DBE-030	2003090497	3D
SS-3DBE-030	G3I160219	3D
SS-3DBE-031	2003090497	3D
SS-3DBE-031	G3I160219	3D
SS-3DBE-032	2003090497	3D
SS-3DBE-032	2003100188	3D
SS-3DBE-032	G3I160219	3D

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by Sample ID

Sample D	Lab Submission Number	Sub Area
SS-3DBE-033	2003090497	3D
SS-3DBE-033	G3I160219	3D
SS-3DBE-034	2003090497	3D
SS-3DBE-034	G3I160219	3D
SS-3DBE-035	2003090497	3D
SS-3DBE-035	2003100188	3D
SS-3DBE-035	G3I160219	3D
SS-3DBE-036	2003090537	3D
SS-3DBE-036	G3I160341	3D
SS-3DBE-037	2003090537	3D
SS-3DBE-037	G3I160341	3D
SS-3DBE-038	2003090537	3D
SS-3DBE-038	G3I160341	3D
SS-3DBE-039	2003090497	3D
SS-3DBE-039	G3I160219	3D
SS-3DBE-040	2003090497	3D
SS-3DBE-040	G3I160222	3D
SS-3DBE-041	2003090497	3D
SS-3DBE-041	G3I160222	3D
SS-3DBE-042	2003090497	3D
SS-3DBE-042	G3I160222	3D
SS-3DBE-043	2003090497	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-043	G3I160222	3D
SS-3DBE-044	2003090497	3D
SS-3DBE-044	G3I160222	3D
SS-3DBE-045	2003090497	3D
SS-3DBE-045	G3I160222	3D
SS-3DBE-046	2003090537	3D
SS-3DBE-046	G3I160341	3D
SS-3DBE-047	2003090537	3D
SS-3DBE-047	2003100187	3D
SS-3DBE-047	G3I160341	3D
SS-3DBE-048	2003090537	3D
SS-3DBE-048	G3I160341	3D
SS-3DBE-049	2003090537	3D
SS-3DBE-049	G3I160341	3D
SS-3DBE-050	2003090537	3D
SS-3DBE-050	G3I160341	3D
SS-3DBE-051	2003090537	3D
SS-3DBE-051	G3I160341	3D
SS-3DBE-052	2003090537	3D
SS-3DBE-052	G3I160341	3D
SS-3DBE-053	2003090537	3D
SS-3DBE-053	G3I160341	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-054	2003090497	3D
SS-3DBE-054	2003100188	3D
SS-3DBE-054	G3I160222	3D
SS-3DBE-055	2003090497	3D
SS-3DBE-055	G3I160222	3D
SS-3DBE-056	2003090497	3D
SS-3DBE-056	2003090537	3D
SS-3DBE-056	G3I160222	3D
SS-3DBE-056	G3I160341	3D
SS-3DBE-058	2003090537	3D
SS-3DBE-058	G3I160340	3D
SS-3DBE-059	2003090497	3D
SS-3DBE-059	G3I160222	3D
SS-3DBE-060	2003090497	3D
SS-3DBE-060	2003100188	3D
SS-3DBE-060	G3I160222	3D
SS-3DBE-061	2003090497	3D
SS-3DBE-061	G3I160222	3D
SS-3DBE-062	2003090497	3D
SS-3DBE-062	G3I160225	3D
SS-3DBE-063	2003090497	3D
SS-3DBE-063	G3I160225	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-064	2003090537	3D
SS-3DBE-064	2003100187	3D
SS-3DBE-064	G3I160340	3D
SS-3DBE-066	2003090537	3D
SS-3DBE-066	G3I160340	3D
SS-3DBE-067	2003090537	3D
SS-3DBE-067	G3I160340	3D
SS-3DBE-068	2003090537	3D
SS-3DBE-068	G3I160340	3D
SS-3DBE-069	2003090537	3D
SS-3DBE-069	G3I160340	3D
SS-3DBE-070	2003090537	3D
SS-3DBE-070	G3I160340	3D
SS-3DBE-071	2003090537	3D
SS-3DBE-071	G3I160340	3D
SS-3DBE-072	2003090497	3D
SS-3DBE-072	G3I160225	3D
SS-3DBE-073	2003090497	3D
SS-3DBE-073	G3I160225	3D
SS-3DBE-077	2003090537	3D
SS-3DBE-077	G3I160340	3D
SS-3DBE-078	2003090537	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-078	G3I160340	3D
SS-3DBE-079	2003090537	3D
SS-3DBE-079	2003100187	3D
SS-3DBE-079	G3I160340	3D
SS-3DBE-080	2003090537	3D
SS-3DBE-080	G3I160340	3D
SS-3DBE-081	2003090537	3D
SS-3DBE-081	G3I160340	3D
SS-3DBE-082	2003090497	3D
SS-3DBE-082	G3I160225	3D
SS-3DBE-083	2003090537	3D
SS-3DBE-083	G3I160340	3D
SS-3DBE-084	2003090497	3D
SS-3DBE-084	G3I160225	3D
SS-3DBE-508	2003090497	3D
SS-3DBE-508	G3I160225	3D
SS-3DBE-516	2003090497	3D
SS-3DBE-516	G3I160225	3D
SS-3DBE-530	2003090497	3D
SS-3DBE-530	G3I160225	3D
SS-3DBE-547	2003090537	3D
SS-3DBE-547	G3I160340	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DBE-555	G3I160225	3D
SS-3DBE-560	2003090497	3D
SS-3DBE-560	2003100188	3D
SS-3DBE-560	G3I160225	3D
SS-3DBE-564	2003090537	3D
SS-3DBE-564	G3I160340	3D
SS-3DBE-573	2003090497	3D
SS-3DBE-573	G3I160225	3D
SS-3DBE-580	2003090537	3D
SS-3DBE-580	G3I160340	3D
SS-3DSI-079-002	2003110373	3D
SS-3DSP1-001	2003080646	3D
SS-3DSP1-001	2003100029	3D
SS-3DSP1-002	2003080646	3D
SS-3DSP1-002	2003100029	3D
SS-3DSP1-003	2003080646	3D
SS-3DSP1-003	2003100029	3D
SS-3DSP1-003-RS	D3J210222	3D
SS-3DSP1-004	2003080646	3D
SS-3DSP1-004	2003100029	3D
SS-3DSP1-004-RS	D3J210222	3D
SS-3DSP1-005	2003080646	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DSP1-005	2003100029	3D
SS-3DSP1-006	2003080646	3D
SS-3DSP1-006	2003100029	3D
SS-3DSP1-007	2003080646	3D
SS-3DSP1-007	2003100029	3D
SS-3DSP1-008	2003080646	3D
SS-3DSP1-008	2003100029	3D
SS-3DSP1-009	2003080646	3D
SS-3DSP1-009	2003100029	3D
SS-3DSP1-010	2003080646	3D
SS-3DSP1-010	2003100029	3D
SS-3DSP1-010	G3H210372	3D
SS-3DSP1-010	G3I160341	3D
SS-3DSP2-001	2003080646	MI
SS-3DSP2-001	2003100029	MI
SS-3DSP2-002	2003080646	MI
SS-3DSP2-002	2003100029	MI
SS-3DSP2-002	G3H210372	MI
SS-3DSP2-002	G3I160341	MI
SS-3DSP2-003	2003080646	MI
SS-3DSP2-003	2003100029	MI
SS-3DSP2-004	2003080646	MI

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Sample D	Lab Submission Number	Sub Area
SS-3DSP2-004	2003100029	MI
SS-3DSP2-005	2003080646	MI
SS-3DSP2-005	2003100029	MI
SS-3DSP2-006	2003080646	MI
SS-3DSP2-006	2003100029	MI
SS-3DSP2-007	2003080646	MI
SS-3DSP2-007	2003100029	MI
SS-3DSP2-008	2003080646	MI
SS-3DSP2-008	2003100029	MI
SS-3DSP2-009	2003080646	MI
SS-3DSP2-009	2003100029	MI
SS-3DSP2-010	2003080646	MI
SS-3DSP2-010	2003100029	MI
SS-3DSW-027	2003090537	3D
SS-3DSW-027	G3I160341	3D
SS-3DSW-028	2003090537	3D
SS-3DSW-028	G3I160341	3D
SS-3DSW-029	2003090537	3D
SS-3DSW-029	G3I160341	3D
SS-3DSW-035	2003090537	3D
SS-3DSW-035	G3I160341	3D
SS-3DSW-039	2003090537	3D

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Sample D	Lab Submission Number	Sub Area
SS-3DSW-039	2003100187	3D
SS-3DSW-039	G3I160341	3D
SS-3DSW-045	2003090537	3D
SS-3DSW-045	G3I160341	3D
SS-3DSW-057	2003090537	3D
SS-3DSW-057	G3I160340	3D
SS-3DSW-527	2003090537	3D
SS-3DSW-527	G3I160340	3D
SS-F1BE-001	D3H160179	F1
SS-F1BE-001-001	2003090973	F1
SS-F1BE-001-001	G3I250349	F1
SS-F1BE-002	D3H160179	F1
SS-F1BE-002-001	2003090973	F1
SS-F1BE-002-001	G3I250349	F1
SS-F1BE-003	D3H160179	F1
SS-F1BE-004	D3H160179	F1
SS-F1BE-005	D3H160179	F1
SS-F1BE-006	D3H160179	F1
SS-F1BE-006-001	2003090973	F1
SS-F1BE-006-001	G3I250349	F1
SS-F1BE-007	D3H160179	F1
SS-F1BE-007-001	2003090973	F1

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Sample D	Lab Submission Number	Sub Area
SS-F1BE-007-001	G3I250349	F1
SS-F1BE-008	D3H160179	F1
SS-F1BE-008-001	2003090973	F1
SS-F1BE-008-001	G3I250349	F1
SS-F1BE-009	D3H160179	F1
SS-F1BE-009-001	2003090973	F1
SS-F1BE-009-001	G3I250349	F1
SS-F1BE-010	D3H160179	F1
SS-F1BE-010-001	2003090973	F1
SS-F1BE-010-001	G3I250349	F1
SS-F1BE-011	D3H160179	F1
SS-F1BE-012	D3H160179	F1
SS-F1BE-013	D3H160179	F1
SS-F1BE-014	D3H160179	F1
SS-F1BE-017	D3H160179	F1
SS-F1BE-018	D3H160179	F1
SS-F1BE-018-001	2003090973	F1
SS-F1BE-018-001	G3I250349	F1
SS-F1BE-018-501	2003090973	F1
SS-F1BE-018-501	G3I250349	F1
SS-F1BE-019	D3H160179	F1
SS-F1BE-021	D3H160179	F1

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Sample D	Lab Submission Number	Sub Area
SS-F1BE-021	G3H150403	F1
SS-F1BE-021-001	2003090973	F1
SS-F1BE-021-001	G3I250349	F1
SS-F1BE-022	D3H160179	F1
SS-F1BE-024	D3H160179	F1
SS-F1BE-025	D3H160179	F1
SS-F1BE-028	D3H160179	F1
SS-F1BE-029	D3H160179	F1
SS-F1BE-030	D3H160179	F1
SS-F1BE-031	2003080581	F1
SS-F1BE-031	D3H200242	F1
SS-F1BE-032	2003080581	F1
SS-F1BE-032	D3H200242	F1
SS-F1BE-035	2003080581	F1
SS-F1BE-035	D3H200242	F1
SS-F1BE-036	2003080581	F1
SS-F1BE-036	D3H200242	F1
SS-F1BE-037	2003080581	F1
SS-F1BE-037	D3H200242	F1
SS-F1BE-038	2003080581	F1
SS-F1BE-038	D3H200242	F1
SS-F1BE-05D	D3H160179	F1

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Sample D	Lab Submission Number	Sub Area
SS-F1BE-19D	D3H160179	F1
SS-F1SE-015	D3H160179	F1
SS-F1SE-016	D3H160179	F1
SS-F1SE-016	G3H150403	F1
SS-F1SE-020	D3H160179	F1
SS-F1SE-023	D3H160179	F1
SS-F1SE-026	D3H160179	F1
SS-F1SE-026	G3H150403	F1
SS-F1SE-027	D3H160179	F1
SS-F1SE-16D	D3H160179	F1
SS-F1SF-001	2004020009	F1
SS-F1SF-001	G4B020128	F1
SS-F1SF-002	2004020009	F1
SS-F1SF-002	G4B020128	F1
SS-F1SF-003	2004020009	F1
SS-F1SF-003	G4B020128	F1
SS-F1SF-004	2004020009	F1
SS-F1SF-004	G4B020128	F1
SS-F1SF-005	2004020009	F1
SS-F1SF-005	G4B020128	F1
SS-F1SF-006	2004020009	F1
SS-F1SF-006	G4B020128	F1

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Sample D	Lab Submission Number	Sub Area
SS-F1SP1-001	2003090792	F1
SS-F1SP1-001	2003100030	F1
SS-F1SP1-001	G3H210372	F1
SS-F1SP1-002	2003090792	F1
SS-F1SP1-002	2003100030	F1
SS-F1SP1-002	G3H210372	F1
SS-F1SP2-001	2003100030	F1
SS-F1SP2-002	2003090792	F1
SS-F1SP2-002	2003100030	F1
SS-F1SP2-003	2003090792	F1
SS-F1SP2-003	2003100030	F1
SS-F23SF-001	2004020009	F2
SS-F23SF-001	G4B020128	F2
SS-F23SF-012	2004020009	F2
SS-F23SF-012	G4B020128	F2
SS-F23SF-013	2004020009	F2
SS-F23SF-013	G4B020128	F2
SS-F23SF-014	2004020009	F2
SS-F23SF-014	G4B020128	F2
SS-F2BE-001-001	D3I270148	F2
SS-F2BE-002-000-RS	2003100719	F2
SS-F2BE-002-000-RS	D3J210222	F2

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Sample D	Lab Submission Number	Sub Area
SS-F2BE-002-001	D3I270148	F2
SS-F2BE-003-000	2003100719	F2
SS-F2BE-003-000-RS	D3J210222	F2
SS-F2SF-001	2004020009	F2
SS-F2SF-001	G4B020128	F3
SS-F2SP-001-000	2003100642	F2
SS-F2SP-001-500	2003100642	F2
SS-F2SP-002-000	2003100642	F2
SS-F2SW-001-001	D3I300235	F2
SS-F2SW-002-001	D3I270148	F2
SS-F2SW-003-001	D3I270148	F2
SS-F2SW-004-001	D3I270148	F2
SS-F2SW-004-001	G3I260402	F2
SS-F2SW-005-000	2003100719	F2
SS-F2SW-006-000	2003100719	F2
SS-F2SW-007-000	2003100719	F2
SS-F3BE-001-000	2003101011	F3
SS-F3BE-001-000	G3J290249	F3
SS-F3BE-002-000	2003101011	F3
SS-F3BE-003-000	2003100873	F3
SS-F3BE-003-000	G3J280222	F3
SS-F3BE-004-000	2003101011	F3

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Sample D	Lab Submission Number	Sub Area
SS-F3BE-005-000	2003100873	F3
SS-F3BE-005-000	2003100873	F3
SS-F3BE-005-000	G3J280222	F3
SS-F3BE-006-000	2003101011	F3
SS-F3BE-006-000	G3J290249	F3
SS-F3BE-007-000	2003101011	F3
SS-F3BE-007-500	2003101011	F3
SS-F3SF-001	2004020009	F3
SS-F3SF-001	G4B020128	F3
SS-F3SF-002	2004020009	F3
SS-F3SF-002	G4B020128	F3
SS-F3SP-001-000	2003100642	F3
SS-F3SW-001-000	2003100873	F3
SS-F3SW-001-500	2003100873	F3
SS-F3SW-002-000	2003100873	F3
SS-F3SW-003-000	2003100873	F3
SS-F3SW-003-000	2003100873	F3
SS-F3SW-004-000	2003100873	F3
SS-F3SW-004-500	2003100873	F3
SS-RABE-001-000	2003100555	RA
SS-RABE-001-000	2003100555	RA
SS-RABE-002-000	2003100555	RA

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Sample D	Lab Submission Number	Sub Area
SS-RABE-003-000	2003100555	RA
SS-RABE-004-000	2003100555	RA
SS-RABE-005-000	2003100555	RA
SS-RABE-006-000	2003100555	RA
SS-RABE-007	G4B020128	RA
SS-RABE-007-000	2003100555	RA
SS-RABE-008	2004020009	RA
SS-RABE-008	G4B020128	RA
SS-RABE-008-000	2003100555	RA
SS-RABE-008-000-RS	2003101093	RA
SS-RABE-008-500	2003100555	RA
SS-RABE-008-500-RS	2003101093	RA
SS-RABE-009-000	2003101093	RA
SS-RABE-010-000	2003100555	RA
SS-RABE-010-000	G3J160414	RA
SS-RABE-011-000	2003100555	RA
SS-RABE-011-000	G3J160414	RA
SS-RABE-012-000	2003100555	RA
SS-RABE-013-000	2003100555	RA
SS-RABE-014-000	2003100555	RA
SS-RABE-015-000	2003100555	RA
SS-RABE-016-000	2003100555	RA

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Sample D	Lab Submission Number	Sub Area
SS-RABE-017-000	2003100555	RA
SS-RABE-018-000	2003100555	RA
SS-RABE-019-000	2003100555	RA
SS-RABE-020-000	2003100555	RA
SS-RABE-021-000	2003100555	RA
SS-RAF2-001,002,003,004	2002090104	F2
SS-RAF2-001,002,003,004	2002110451	F2
SS-RAF2-001,002,003,004	G2I050242	F2
SS-RAF2-005	2002090104	F2
SS-RAF2-006	2002110497	F2
SS-RASB-001	2002110418	RA
SS-RASB-001	G2K210269	RA
SS-RASB-002	2002110418	RA
SS-RASB-002	G2K210269	RA
SS-SVF3-003	2002110377	F3
SS-SVF3-003	G2K190283	F3
SS-SVF3-004	2002110377	F3
SS-SVF3-004	G2K190283	F3
SS-SWBP-018	2002090635	3D
SS-SWBP-018	G2J010183	3D
SS-SWBP-019	2002100100	3D
SS-SWBP-019	G2J080181	3D

Table D-1b
South Valley Index of Laboratory Report
by Sample ID

Sample D	Lab Submission Number	Sub Area
SS-SWBP-020	2002100100	3D
SS-SWBP-020	G2J080181	3D
SS-SWBP-021	2002100359	3D
SS-SWBP-021	G2J170400	3D
SS-SWBP-022	2002100359	3D
SS-SWBP-022	G2J170400	3D
SS-SWBP-023	2002100359	3D
SS-SWBP-023	G2J170400	3D
SS-SWBP-024	2002100391	3D
SS-SWBP-024	G2J190188	3D
SS-SWBP-025	2002100581	3D
SS-SWBP-025	G2J300204	3D
SS-SWBP-026	2002120126	3D
SS-SWBP-026	G2L100291	3D
SS-SWBP-027	G3A100217	3D
SS-SWBP-028	G3A100217	3D
SS-SWBP-29	G3B180256	3D

SEVERN TRENT SERVICES

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Phone: 925.484.1919
Fax: 925.484.1096

September 29, 2003

Northgate Environmental, Oakland
3629 Grand Ave., Suite 313
Oakland, CA 94610

Attention: Deni Chambers

Re: Project 1056.03-Tourtelot: Metals data reporting discrepancy

Dear Ms. Chambers:

Surinder Sidhu, Project Management Group Leader, notified Quality Assurance that the client brought to her attention apparent discrepant reporting of Metals results sent by the lab. The client provided to the lab a spreadsheet that summarized and chronicled sample results for the Demo Site 3 and Mercury Impacted Area Stockpiles, which assisted the lab to expedite the investigation. The outcome of the investigation is summarized below:

The investigative team (Quality Assurance, Project Management and Metals Manager), examined the applicable data and concluded that the discrepancy was due to transcription errors affecting reported results for the following samples:

- **SS-3DSP1-003**
- **SS-3DSP1-004**
- **SS-3DSP1-006**
- **SS-3DSP1-007**
- **SS-3DSP1-009**
- **SS-3DSP2-003**
- **SS-3DSP2-005**

The data has since been corrected and resent to the client. The investigation also included a detailed recheck of method QA/QC parameters applicable to the reported results, and no discrepancy was indicated.

The lab concluded that the root cause of the transcription error was manual entry for ICP/MS results, which is atypical for routine metals data generation, but is serving as an interim measure while the lab's Information Service Group and Vendor Technician configure uploading capability for this newly acquired instrument.

To prevent a recurrence until electronic uploading can be configured, which is essential to data generation and review, Quality Assurance will mandate that reported ICP/MS data must be subjected to tertiary review including the following: bench level review, Group Manager review, and Project Management review. Bench level and Group Manager will conduct a secondary review process which is defined as follows:

- Confirmation of raw data by initialing and dating by the reviewer.
- Use of the data review checklist summarizing the reviewed parameters confirmed by signature and date of the reviewers.

Upon completion of secondary review, the data will be sent to the Project Manager for review against project profile or, if available, cumulative data history, which is a feature of LIMS.

QA deems this issue subject to close observation, and has notified the Lab Director and Group Manager that 100% of the data reported by Method 6020 will be reviewed by QA. This mandate will not be removed until uploading configuration is completed and demonstrates data generation objective.

STL San Francisco and the environmental laboratory industry had recognized that EPA Method 6020 is a new technology with advantages for the objective of providing accurate, valid, and defensible data. Upon obtaining the ICP/MS instrument for Method 6020 implementation, the lab was diligent to perform method validation procedures required for state certification (determination of method selectivity and range, written Standard Operating Procedures, Method Detection Limit/Instrumentation Detection Limit Studies, and initial demonstration of capability through a Performance Evaluation [PE] Study). The results of the PE study evaluated by Environmental and Resource Associates (ERA) demonstrated acceptable results for all target analytes (refer to attachment), which is contingent to method certification.

STL San Francisco achieved method validation for Method 6020. The method validation data package was submitted to and approved by the California Environmental Laboratory Accreditation Program (CA ELAP), and the lab was granted interim certification status to perform this method (refer to attachment). CA ELAP footnoted a statement that this certification for STL San Francisco to perform the method can be confirmed by interested clients or customers by directly contacting the CA Department of Health at **510-540-2800**. STL San Francisco's lab Certification number is **2496.**

Should you have further questions regarding this issue, please contact me at 925.484.1919, ext. 104; email: dmayugba@stl-inc.com

Sincerely,

Dennis Mayugba
Quality Assurance Director, STL San Francisco

northgate

APPENDIX D
LABORATORY ANALYTICAL REPORTS

March 22, 20(
Project No. 105

South Valley and Ridge Area
Non-Ordnance and Explosive
Remediation Repor

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APPENDIX E

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South Valley and Ridge Area Non-OE Remediation Report

Post Remediation Risk Assessment Appendix E

03/22/2004

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