

Table 1-1. Soil Cleanup Goals
Folsom Corp. Yard Landfill Clean Closure Certification Report

CAM 17 Total Metals	Background Conc. Limit⁽¹⁾ (mg/kg)	CA Human Health Screening Level⁽²⁾ (mg/kg)	EPA Region 9 PRG⁽²⁾ (mg/kg)	Soil Cleanup Goal (mg/kg)
Antimony	2	30	31	30
Arsenic	10	0.07	0.39	10
Barium	234	5,200	5,400	5,200
Beryllium	0.8	150	150	150
Cadmium	0.97	1.7	37	1.7
Chromium, Total	143	100,000 (Cr III)	100,000 (Cr III)	210
		17 (Cr VI)	30 (Cr VI)	
		---	210 (1:6 ratio Cr VI:Cr III)	
Cobalt	24	660	900	660
Copper	87	3,000	3,100	3,000
Lead	103	150	150	150
Mercury	0.28	18	23	18
Molybdenum	1.8	380	390	380
Nickel	78	1,600	1,600	1,600
Selenium	0.52	380	390	380
Silver	0.43	380	390	380
Thallium	0.66	5	5	5
Vanadium	103	530	78	530
Zinc	92	23,000	23,000	23,000

Soluble Parameters	Background Conc. Limit⁽¹⁾ (mg/kg)	Site Groundwater Conc. Limit (mg/L)	CA Maximum Contaminant Level (mg/L)	Soil Cleanup Goal (mg/kg)
Nitrate as NO ₃	28	60	45	450
Sulfate as SO ₄	48	57	250	570

Notes

(1) Background concentration limits presented in the *Results Report for Pre-Design Data Collection Activities* prepared by Brown and Caldwell on March 26, 2008

(2) Residential scenario

mg/kg = milligrams per kilogram

mg/L = milligrams per liter

Table 2-1. Regulatory Agency Meetings and Inspections
Folsom Corp. Yard Landfill Clean Closure Certification Report

Date	Agency Participants	Location	Subject
11/13/07	CIWMB, County	Landfill	Kick-off meeting & site visit
12/12/07	RWQCB, CIWMB, County	County	Review closure plan outline
12/20/07	USBR	USBR	Meet w/ land managers
1/3/08	RWQCB	RWQCB	Review CSM and revised WDRs
2/20/08	RWQCB	RWQCB	Discuss closure plan comments
3/20/08	County	Landfill	Meet new LEA contact & site visit
4/8/08	RWQCB	RWQCB	Discuss draft WDRs and cleanup goals
4/15/08	DTSC	DTSC	Voluntary Cleanup Program
5/15/08	RWQCB	RWQCB	Discuss draft MRP and project schedule
6/18/08	RWQCB	RWQCB	Discuss public comments
7/7/08	USBR	Landfill	Delineation of waste near USBR/City property
7/9/08	USBR	USBR	Delineation of waste near USBR/City property
8/6/08	USBR	USBR	Delineation of waste near USBR/City property
9/12/08	County	County	Discuss notice to proceed
10/23/08	RWQCB, DTSC, County, USBR	Landfill	Project status meeting on-site followed by inspection (primarily for SWPPP)
11/12/08	County	Landfill	Responding to a public complaint regarding storm water contacting waste; inspector did not observe any site conditions to substantiate complaint.
11/13/08	SMAQMD	Landfill	Inspection of equipment for compliance; inspector randomly chose one piece of equipment and did not request any additional items for inspection.
11/13/08	Folsom Inspector	Landfill	Checked SWPPP BMPs and was satisfied with current site conditions
11/18/08	RWQCB	RWQCB	TPH Cleanup goals and stockpiles
11/26/08	RWQCB	Landfill	SWPPP inspection for the general construction permit
11/26/08	RWQCB, SARA	Landfill	RWQCB met with three members of SARA to discuss multiple concerns by SARA regarding the project and other Corp Yard issues outside the scope of the project.
12/1/08	RWQCB	Landfill	SWPPP inspection for both the WDRs and the general construction permit
6/4/09	RWQCB, CIWMB, County	Landfill	Regulatory agency meeting at 75% completion, RWQCB storm water inspection for general construction permit
8/10/09	RWQCB, CIWMB, County	Landfill	Regulatory agency meeting at 95% completion
10/1/09	RWQCB, CIWMB, DTSC, County	Landfill	Final inspection at 100% completion

Notes

BMPs = best management practices

County = County of Sacramento

DTSC = California Department of Toxic Substances Control

MRP = monitoring and reporting program

RWQCB = California Regional Water Quality Control Board, Central Valley Region

SARA = Save the American River Association

SMAQMD = Sacramento Metropolitan Air Quality Management District

SWPPP = Storm Water Pollution Prevention Plan

USBR = U.S. Bureau of Reclamation

CIWMB = California Integrated Waste Management Board

CSM = conceptual site model

LEA = local enforcement agency

TPH = total petroleum hydrocarbons

WDRs = Waste Discharge Requirements

Table 2-2. Storm Water Inspections
Folsom Corp. Yard Landfill Clean Closure Certification Report

Inspect. Date	Inspector	Firm	Comments/ Inspection Purpose
10/3/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
10/10/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
10/17/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
10/24/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
10/29/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
10/29/08	G. O. Graening	Natural Investigations	Regular wet season inspection
10/30/08	G. O. Graening	Natural Investigations	Pre-storm event inspection
10/31/08	G. O. Graening	Natural Investigations	Inspection during storm
11/1/08	G. O. Graening	Natural Investigations	Inspection during storm
11/2/08	G. O. Graening	Natural Investigations	Inspection during storm
11/3/08	Jacque Kelly	RWQCB	Follow-up inspection
11/3/08	G. O. Graening	Natural Investigations	Inspection during storm
11/4/08	G. O. Graening	Natural Investigations	Post-storm event inspection
11/9/08	G. O. Graening	Natural Investigations	Post-storm event inspection
11/12/08	Patrice Webb	RWQCB	Response to complaint
11/14/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
11/21/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
11/25/08	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
12/4/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
12/12/08	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
12/13/08	G. O. Graening	Natural Investigations	Follow-up to RWQCB site visit
12/14/08	G. O. Graening	Natural Investigations	Inspection during storm
12/15/08	Jacque Kelly	RWQCB	Inspection during storm
12/16/08	Dennis Robinson	Pacific States Env.	Inspection during storm
12/22/08	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
12/27/08	Dennis Robinson	Pacific States Env.	Post-storm event inspection
12/31/08	Dennis Robinson	Pacific States Env.	Regular wet season inspection
1/7/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
1/16/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
1/21/09	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
1/23/09	Dennis Robinson	Pacific States Env.	Inspection during storm
1/30/09	Dennis Robinson	Pacific States Env.	Post-storm event inspection
2/5/09	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
2/12/09	Dennis Robinson	Pacific States Env.	Post/Pre-storm event inspection
2/16/09	Dennis Robinson	Pacific States Env.	Inspection during storm
2/18/09	Dennis Robinson	Pacific States Env.	Post/Pre-storm event inspection
2/20/09	Dennis Robinson	Pacific States Env.	Post/Pre-storm event inspection
2/23/09	Dennis Robinson	Pacific States Env.	Inspection during storm
2/27/09	Dennis Robinson	Pacific States Env.	Pre-storm event inspection & follow-up items from RWQCB visit
3/2/09	Dennis Robinson	Pacific States Env.	Post/Pre-storm event inspection
3/6/09	Dennis Robinson	Pacific States Env.	Post-storm event inspection
3/11/09	Ann Hopkinson & Oscar Biondi	RWQCB	Sewer system inspection
3/13/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
3/20/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
3/21/09	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
3/26/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
4/7/09	Dennis Robinson	Pacific States Env.	Pre-storm event inspection
	Todd Del Frate	RWQCB	Project status inspection

Table 2-2. Storm Water Inspections
Folsom Corp. Yard Landfill Clean Closure Certification Report

Inspect. Date	Inspector	Firm	Comments/ Inspection Purpose
4/8/09	Dennis Robinson	Pacific States Env.	Inspection during storm
4/16/09	Dennis Robinson	Pacific States Env.	Regular wet season inspection
4/21/09	Jacque Kelly	RWQCB	Regular wet season inspection
5/28/09	Dennis Robinson	Pacific States Env.	Post-storm & regular inspection
6/4/09	Todd Del Frate	RWQCB	Project status inspection
6/29/09	Dennis Robinson	Pacific States Env.	Regular inspection
7/28/09	Dennis Robinson	Pacific States Env.	Regular inspection
8/27/09	Dennis Robinson	Pacific States Env.	Regular inspection
10/1/09	Jacque Kelly	RWQCB	Regular inspection

Notes

RWQCB = California Regional Water Quality Control Board, Central Valley Region

Table 3-1. Waste Management Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Date	Asbestos Pipe (LF)	Tires (each)	Oil Filters (each)	Auto Batteries (each)	Stormwater Basin (gal)	Landfill			Recycling	
						Trash (tons)	Soil (tons)	Tires (tons)	Concrete/ Asphalt (tons)	Metal (tons)
7/9/08	2	0	0							
10/13/08	2	0	0							
10/15/08	0.5	7	0							
10/16/08	0	15	0							
10/17/08	0	12	0							
10/20/08	2	14	0							
10/21/08	0	4	0							
10/22/08	1.5	40	0							
10/23/08	2.5	58	0							
10/24/08	8	62	0							
10/27/08	2	20	0					2.83		
11/10/08	1.5	10	0							
11/11/08	0	8	0							
11/12/08	1.5	5	0							
11/18/08	2	0	0							
11/19/08	3	0	0							
11/22/08	6	250	0							
11/24/08	2	40	0							
11/25/08	1	50	0					6.34		
12/2/08	0	0	0			16.26				
12/3/08	4	5	4							
12/4/08						16.35				
12/5/08						14.29				
12/8/08	4	20	6							
12/9/08	0	30	0			8.85				
12/10/08	1	15	0							
12/11/08	1.5	20	0				406.65			
12/12/08							412.79			
12/14/08					100					
12/15/08					100			8.61		
12/18/08						6.82				
12/23/08						23.94				
12/25/08						21.73				
1/6/09		5								
1/7/09							1299.92			
1/8/09									55.03	
1/13/09						18.81				
1/14/09						4.17				
1/20/09							1882			
1/21/09							1231			
1/23/09						2.74				
2/13/09					2000					
2/18/09					1500					
3/19/09		12								
3/20/09		8				3.33				
3/23/09	4.5	10	1			8.96				
3/26/09		25				28.47				
3/27/09	2	2				15.88				
3/30/09						6.07				
3/31/09		5				5.91				
4/1/09	1.5	12	1							
4/2/09		5				11.66		4.44		
4/3/09		5	1							
4/4/09						15.18				
4/6/09		5				6.56				
4/7/09	3	15	5							
4/8/09		3				21.49				
4/9/09	3	4			2250					
4/13/09		3								

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Date	Asbestos Pipe (LF)	Tires (each)	Oil Filters (each)	Auto Batteries (each)	Stormwater Basin (gal)	Landfill			Recycling	
						Trash (tons)	Soil (tons)	Tires (tons)	Concrete/ Asphalt (tons)	Metal (tons)
4/14/09		15				12.00				
4/15/09		8								
4/16/09	3.5	7	2			15.11				
4/17/09		3								
4/20/09		4								
4/21/09	2.5	5				13.37			46.6	
4/22/09		5								
4/23/09		3								
4/24/09		7								
4/27/09		7								
4/28/09		7				7.77				
4/29/09	4	5								
4/30/09		6				10.21				
5/1/09		3		1						
5/4/09		2								
5/5/09					2000	11.71				
5/7/09	3	3	2	1						
5/8/09	3	2	4							
5/9/09	4	5				11.72				
5/11/09		7								
5/12/09		4				11.7				
5/13/09		7								
5/14/09		5				4.64				
5/15/09		7								
5/16/09	3	4				21.14				
5/18/09	5	5	4	3			1975			
5/19/09						10.44	449		122.38	
5/20/09	3	15	2	2						
5/21/09		10				11.31				
5/22/09		4				4.45				
5/23/09		6								
5/24/09						12.94				
5/26/09	5	2	4	1						
5/27/09		6								
5/28/09		6				6.05				
5/29/09	4	6	2							
5/30/09	5	2	2			12.99				
6/1/09	3	8								
6/2/09	3	4				4.51				
6/3/09		9	2	1						
6/4/09	3	1								
6/6/09	3	4								
6/9/09		2				17.23				
6/11/09	2	11	1							
6/12/09						6.49				
6/13/09	3		1	1						
6/16/09		3				12.19				
6/17/09		14								
6/18/09		2				8.72				
6/19/09		14								
6/20/09		16				8.37		5.36	217.76	
6/23/09		2				5.05				5.21
6/24/09	2		3	1						
6/25/09		8	4	1		4.89				
6/26/09	3	5	2	2		11.22				
6/29/09	2	5	4	1						
6/30/09		22				11.04				
7/1/09		5								
7/2/09	2	6	2			9.33				

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Date	Asbestos Pipe (LF)	Tires (each)	Oil Filters (each)	Auto Batteries (each)	Stormwater Basin (gal)	Landfill			Recycling	
						Trash (tons)	Soil (tons)	Tires (tons)	Concrete/ Asphalt (tons)	Metal (tons)
7/6/09	11	4	4							
7/7/09	2	14				9.33				
7/8/09	5	2				13.93				
7/9/09	12	12	5	1						
7/10/09	40	14				12.94				
7/14/09	4	7	4						294.79	
7/15/09	4	4	3	1		13.50				
7/16/09	1	5	1			5.22				
7/17/09		12								
7/18/09	2	14				12.04				
7/20/09	4	15				12.57				7.32
7/21/09		4				8.07	866.34			
7/22/09	14	17	19			7.70				
7/23/09	4	3	2			4.88				
7/24/09	8	14	2							
7/25/09	6	3	1			9.98			403.13	
7/27/09	2	14	7			19.23				
7/28/09	9	14	5							
7/29/09	2	5	1			11.2				
7/30/09	3	6	7			7.7				
7/31/09	1		9			20.15				
8/1/09	2	3	4							
8/3/09	1		8			6.32				
8/4/09	3		4							
8/5/09		7								
8/6/09						9.25				
8/7/09	2	10	4							
8/8/09										
8/10/09	5		3						24.71	
8/11/09	4	12				11.16			24.28	
8/13/09		12				10.1			24.40	
8/14/09	5	9							24.75	
8/17/09		6							25.22	
8/18/09	2	7				10.1			26.19	
8/19/09	3	2							40.16	
8/20/09	10	2	5	1		10.9			138.85	
8/21/09									327.91	
8/24/09						9.86				
8/26/09										4.79
8/28/09								5.56		
9/1/09						1.78				
9/9/09						1.55				
9/14/09							75.43			
9/15/09							2144.27			
9/16/09							2107.48			
9/17/09							1186.52		10.42	
9/21/09	2									
9/23/09						2.43				
9/25/09									21.54	
9/29/09						2.31				
10/1/09										2.93
Total:	306	1,391	157	18	7,950	778	14,037	33.1	1,828	20.3

Table 3-2. Soil Stockpile Management Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Stockpile Origin / ID	Origination Date	Stockpile Composition	Stockpile Volume (<i>ex situ</i> yd ³)	Final Disposition	Disposition Date	Stockpile Age (days)
CAP-1	10/13/08	Debris-free cap material	500	On-site backfill	12/4/08	52
CAP-2	10/13/08	Debris-free cap material	500	On-site backfill	12/4/08	52
CAP-3	10/13/08	Debris-free cap material	500	On-site backfill	12/4/08	52
CAP-4	10/13/08	Debris-free cap material	500	On-site backfill	12/3/08	51
CAP-5	10/14/08	Debris-free cap material	500	On-site backfill	12/3/08	50
CAP-6	10/14/08	Debris-free cap material	500	On-site backfill	12/3/08	50
CAP-7	10/14/08	Debris-free cap material	500	On-site backfill	12/3/08	50
CAP-8	12/05/08	Debris-free cap material	500	On-site backfill	1/6/09	32
CAP-9	12/08/08	Debris-free cap material	500	On-site backfill	1/6/09	29
CAP-10	03/18/09	Debris-free cap material	500	On-site backfill	6/11/09	85
CAP-11	03/25/09	Debris-free cap material	700	On-site backfill	6/11/09	78
CAP-12	04/06/09	Debris-free cap material	700	On-site backfill	6/11/09	66
CAP-13	04/27/09	Debris-free cap material	750	On-site backfill	6/11/09	45
CAP-14	05/12/09	Debris-free cap material	600	Off-site Disposal	9/16/09	127
CAP-15	05/28/09	Debris-free cap material	750	On-site backfill	7/7/09	40
CAP-16	06/15/09	Debris-free cap material	750	On-site backfill	7/14/09	29
CAP-17	06/15/09	Debris-free cap material	750	On-site backfill	7/7/09	22
CAP-18	06/17/09	Debris-free cap material	750	On-site backfill	7/9/09	22
CAP-19	06/18/09	Debris-free cap material	750	On-site backfill	7/9/09	21
CAP-20	08/04/09	Debris-free cap material	750	On-site backfill	9/1/09	28
UFA-1	10/15/08	Debris-free overburden	475	Post-screened for off-site disposal	12/12/08	58
UFA-2	10/15/08	Debris-free overburden	475	On-site backfill	11/10/08	26
UFA-3	10/16/08	Debris-free overburden	475	On-site backfill	11/13/08	28
UFA-4	10/16/08	Debris-free overburden	475	On-site backfill	11/13/08	28
UFA-5	10/17/08	Debris-free overburden	475	On-site backfill	11/13/08	27
UFA-6	10/17/08	Debris-free overburden	475	On-site backfill	11/14/08	28
UFA-7	10/21/08	Debris-free overburden	475	On-site backfill	11/10/08	20
UFA-8	10/21/08	Debris-free overburden	475	On-site backfill	12/4/08	44
UFA-9	10/21/08	Debris-free overburden	475	On-site backfill	12/4/08	44
UFA-10	10/22/08	Debris-free overburden	475	On-site backfill	12/4/08	43
UFA-11	10/22/08	Mixed soil/refuse	475	On-site backfill	12/4/08	43
UFA-12	10/22/08	Mixed soil/refuse	475	Post-screened for on-site backfill	11/14/08	23
UFA-13	10/23/08	Mixed soil/refuse	475	Post-screened for off-site disposal	12/11/08	49
UFA-14	10/23/08	Mixed soil/refuse	475	Post-screened for on-site backfill	12/3/08	41
UFA-15	10/23/08	Mixed soil/refuse	475	Post-screened for on-site backfill	12/3/08	41
UFA-16	10/24/08	Mixed soil/refuse	475	Post-screened for on-site backfill	12/13/08	50
UFA-17	10/24/08	Mixed soil/refuse	475	Post-screened for on-site backfill	12/3/08	40
UFA-18	10/27/08	Debris-free overburden	475	On-site backfill	11/14/08	18
UFA-19	10/27/08	Mixed soil/refuse	475	Post-screened for on-site backfill	12/3/08	37

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Stockpile Origin / ID	Origination Date	Stockpile Composition	Stockpile Volume (<i>ex situ</i> yd ³)	Final Disposition	Disposition Date	Stockpile Age (days)
UFA-20	10/27/08	Mixed soil/refuse	250	Post-screened for off-site disposal	1/7/09	72
UFA-21	11/18/08	Debris-free overburden	750	On-site backfill	12/13/08	25
UFA-22	11/18/08	Mixed soil/refuse	750	Prescreened for off-site disposal	1/20/09	63
UFA-23	11/19/08	Mixed soil/refuse	750	Prescreened for on-site backfill	3/26/09	127
UFA-24	11/19/08	Mixed soil/refuse	750	Prescreened for off-site disposal	1/7/09	49
MLF-1	12/05/08	Mixed soil/refuse	750	Prescreened for off-site disposal	1/20/09	46
MLF-2	12/08/08	Mixed soil/refuse	500	Prescreened for off-site disposal	1/7/09	30
MLF-3	12/09/08	Mixed soil/refuse	600	Prescreened for on-site backfill	3/26/09	107
MLF-4	12/09/08	Mixed soil/refuse	500	Prescreened for off-site disposal	1/22/09	44
MLF-5	12/09/08	Mixed soil/refuse	500	Prescreened for off-site disposal	1/22/09	44
MLF-6	03/19/09	Mixed soil/refuse	750	Prescreened for on-site backfill	4/3/09	15
MLF-7	03/24/09	Mixed soil/refuse	750	Prescreened for on-site backfill	4/3/09	10
MLF-8	03/25/09	Mixed soil/refuse	750	Prescreened for on-site backfill	4/6/09	12
MLF-9	03/26/09	Mixed soil/refuse	600	Prescreened for off-site disposal	5/18/09	53
MLF-10	04/01/09	Mixed soil/refuse	700	Prescreened for on-site backfill	4/24/09	23
MLF-11	04/03/09	Mixed soil/refuse	700	Prescreened for on-site backfill	4/24/09	21
MLF-12	04/08/09	Mixed soil/refuse	750	Prescreened for on-site backfill	4/27/09	19
MLF-13	04/14/09	Mixed soil/refuse	750	Prescreened for on-site backfill	4/28/09	14
MLF-14	04/16/09	Mixed soil/refuse	750	Prescreened for on-site backfill	5/9/09	23
MLF-15	04/20/09	Mixed soil/refuse	750	Prescreened for on-site backfill	5/9/09	19
MLF-16	04/22/09	Mixed soil/refuse	600	Prescreened for off-site disposal	5/18/09	26
MLF-17	04/27/09	Mixed soil/refuse	600	Prescreened for on-site backfill	5/22/09	25
MLF-18	04/29/09	Mixed soil/refuse	600	Prescreened for on-site backfill	5/22/09	23
MLF-19	05/01/09	Mixed soil/refuse	600	Prescreened for on-site backfill	5/22/09	21
MLF-20	05/07/09	Mixed soil/refuse	600	Prescreened for on-site backfill	5/22/09	15
MLF-21	05/09/09	Mixed soil/refuse	600	Prescreened for on-site backfill	5/26/09	17
MLF-22	05/12/09	Debris-free material	600	Not screened; on-site backfill	6/3/09	22
MLF-23	05/14/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/2/09	19
MLF-24	05/16/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/2/09	17
MLF-25	05/18/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/3/09	16
MLF-26	05/20/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/8/09	19
MLF-27	05/22/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/8/09	17
MLF-28	05/23/09	Debris-free material	600	Not screened; on-site backfill	6/8/09	16
MLF-29	05/24/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/8/09	15
MLF-30	05/26/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/10/09	15
MLF-31	05/28/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/18/09	21
MLF-32	05/30/09	Mixed soil/refuse	600	Prescreened for off-site disposal	7/21/09	52
MLF-33	06/02/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/18/09	16
MLF-34	06/03/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/18/09	15

Table 3-2. Soil Stockpile Management Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Stockpile Origin / ID	Origination Date	Stockpile Composition	Stockpile Volume (<i>ex situ</i> yd ³)	Final Disposition	Disposition Date	Stockpile Age (days)
MLF-35	06/04/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/24/09	50
MLF-36	06/08/09	Mixed soil/refuse	500	Prescreened for on-site backfill	6/23/09	15
MLF-37	06/09/09	Mixed soil/refuse	500	Prescreened for on-site backfill	6/23/09	14
MLF-38	06/10/09	Mixed soil/refuse	600	Prescreened for on-site backfill	6/25/09	15
MLF-39	06/12/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/24/09	42
MLF-40	06/13/09	Mixed soil/refuse	300	Prescreened for on-site backfill	7/24/09	41
MLF-41	06/15/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/1/09	16
MLF-42	06/17/09	Mixed soil/refuse	625	Prescreened for on-site backfill	7/6/09	19
MLF-43	06/19/09	Mixed soil/refuse	500	Prescreened for on-site backfill	7/1/09	12
MLF-44	06/23/09	Mixed soil/refuse	500	Prescreened for on-site backfill	7/20/09	27
MLF-45	06/24/09	Mixed soil/refuse	500	Prescreened for on-site backfill	7/9/09	15
MLF-46	06/25/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/10/09	15
MLF-47	05/27/09	Debris-free material	600	Not screened; on-site backfill	7/10/09	44
MLF-48	06/26/09	Mixed soil/refuse	600	Prescreened for off-site disposal	9/15/09	81
MLF-49	06/27/09	Mixed soil/refuse	600	Prescreened for off-site disposal	9/15/09	80
MLF-50	06/29/09	Mixed soil/refuse	450	Prescreened for on-site backfill	7/14/09	15
MLF-51	07/01/09	Mixed soil/refuse	500	Prescreened for on-site backfill	7/16/09	15
MLF-52	07/03/09	Debris-free material	600	Not screened; on-site backfill	9/2/09	61
MLF-53	07/05/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/17/09	12
MLF-54	07/05/09	Debris-free material	600	Not screened; on-site backfill	9/21/09	78
MLF-55	07/07/09	Mixed soil/refuse	650	Prescreened for on-site backfill	9/1/09	56
MLF-56	07/08/09	Mixed soil/refuse	650	Prescreened for on-site backfill	7/28/09	20
MLF-57	07/09/09	Mixed soil/refuse	650	Prescreened for on-site backfill	7/28/09	19
MLF-58	07/10/09	Mixed soil/refuse	650	Prescreened for on-site backfill	7/27/09	17
MLF-59	07/14/09	Mixed soil/refuse	650	Prescreened for on-site backfill	7/27/09	13
MLF-60	07/16/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/3/09	18
MLF-61	07/17/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/3/09	17
MLF-62	07/18/09	Mixed soil/refuse	600	Prescreened for on-site backfill	7/31/09	13
MLF-63	07/20/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/5/09	16
MLF-64	07/21/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/13/09	23
MLF-65	07/22/09	Debris-free material	600	Not screened; on-site backfill	8/6/09	15
MLF-66	07/23/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/17/09	25
MLF-67	07/24/09	Mixed soil/refuse	600	Prescreened for off-site disposal	9/16/09	54
MLF-68	07/25/09	Debris-free material	600	Not screened; on-site backfill	9/4/09	41
MLF-69	07/27/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/13/09	17
MLF-70	07/28/09	Debris-free material	600	Not screened; on-site backfill	9/4/09	38
MLF-71	07/29/09	Mixed soil/refuse	600	Prescreened for off-site disposal	9/17/09	50
MLF-72	07/30/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/19/09	20
MLF-73	07/31/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/19/09	19

Table 3-2. Soil Stockpile Management Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Stockpile Origin / ID	Origination Date	Stockpile Composition	Stockpile Volume (<i>ex situ</i> yd ³)	Final Disposition	Disposition Date	Stockpile Age (days)
MLF-74	08/03/09	Mixed soil/refuse	600	Prescreened for on-site backfill	9/4/09	32
MLF-75	08/04/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/31/09	27
MLF-76	08/05/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/26/09	21
MLF-77	08/06/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/26/09	20
MLF-78	08/07/09	Mixed soil/refuse	600	Prescreened for on-site backfill	9/3/09	27
MLF-79	08/10/09	Debris-free material	600	Not screened; on-site backfill	9/2/09	23
MLF-80	08/11/09	Debris-free material	600	Not screened; on-site backfill	9/22/09	42
MLF-81	08/12/09	Mixed soil/refuse	600	Prescreened for off-site disposal	9/15/09	34
MLF-82	08/13/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/31/09	18
MLF-83	08/14/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/31/09	17
MLF-84	08/17/09	Mixed soil/refuse	600	Prescreened for sampling	9/1/09	15
MLF-85	08/18/09	Debris-free material	750	Not screened; on-site backfill	8/27/09	9
MLF-86	08/19/09	Mixed soil/refuse	600	Prescreened for on-site backfill	8/26/09	7
MLF-87	08/20/09	Mixed soil/refuse	600	Prescreened for on-site backfill	9/3/09	14

Total Volume Stockpiled (*ex situ* yd³)=

77,200

Average Stockpile Age (days) =

33

<u>Statistics</u>	<u><i>ex situ</i> yd³</u>	<u>Qty of Stockpiles</u>	<u>% of Total</u>
Landfill cap material excavated =	12,250	20	15%
UFA material excavated =	12,275	24	18%
<u>MLF material excavated =</u>	<u>52,675</u>	<u>87</u>	66%
All material excavated =	77,200	131	100%
 Material backfilled on-site =	 66,850	 113	 86%
 Material disposed off-site =	 10,350	 18	 14%
 Percent of Landfill cap material backfilled =	 ---	 ---	 95%
Percent of UFA material backfilled =	---	---	78%
Percent of MLF material backfilled =	---	---	87%

Table 4-1. Nitrate/Sulfate and Misc. Parameters in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

Analyte	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
Nitrate	mg/kg	131	130	99%	1.1	38	220	43	1.1	450	0	49%	leachable/DLM
Sulfate	mg/kg	131	131	100%	29	254	2,800	266	1.0	570	3	491%	leachable/DLM
pH	pH units	128	128	100%	4.84	6.7	9.01	0.73	0.11	---	---	---	---
Specific Conductance	µmhos/cm	130	130	100%	11.8	152	820	155	1.0	---	---	---	---
Moisture	percent	131	131	100%	3.4	12	29	4.9	0.40	---	---	---	---
Asbestos	percent	131	0	0%	---	---	---	---	---	---	---	---	---
Only Stockpiles Backfilled On-Site													
Nitrate	mg/kg	113	112	99%	1.1	35	220	43	1.2	450	0	49%	leachable/DLM
Sulfate	mg/kg	113	113	100%	29	215	540	125	0.58	570	0	95%	leachable/DLM
pH	pH units	112	112	100%	4.84	6.7	7.63	0.73	0.11	---	---	---	---
Specific Conductance	µmhos/cm	115	115	100%	11.8	139	640	140	1.0	---	---	---	---
Moisture	percent	113	113	100%	3.4	12	29	4.9	0.41	---	---	---	---
Asbestos	percent	131	0	0%	---	---	---	---	---	---	---	---	---

Notes

CV = std. dev. / mean

DLM = RWQCB Designated Level Methodology

Table 4-2. Metals in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

Metal (total)	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
Antimony	mg/kg	131	31	24%	0.17	0.80	4.4	0.81	1.0	30	0	15%	CHHSL
Arsenic	mg/kg	131	131	100%	2.3	5.0	11	1.2	0.25	10	1	110%	Background
Barium	mg/kg	131	131	100%	78	148	250	30	0.20	5,200	0	5%	CHHSL
Beryllium	mg/kg	131	122	93%	0.055	0.28	0.57	0.10	0.34	150	0	0%	CHHSL
Cadmium	mg/kg	131	67	51%	0.016	0.34	3.8	0.55	1.6	1.7	2	224%	CHHSL
Chromium	mg/kg	131	131	100%	31	59	280	22	0.38	210	1	133%	PRG
Cobalt	mg/kg	131	131	100%	4.9	15	26	3.1	0.21	660	0	4%	CHHSL
Copper	mg/kg	131	131	100%	23	41	82	8.1	0.20	3,000	0	3%	CHHSL
Lead	mg/kg	131	131	100%	6.7	29	130	20	0.69	150	0	87%	CHHSL
Mercury	mg/kg	131	131	100%	0.026	0.14	0.79	0.09	0.65	18	0	4%	CHHSL
Molybdenum	mg/kg	131	82	63%	0.044	0.33	2.5	0.33	1.0	380	0	1%	CHHSL
Nickel	mg/kg	131	131	100%	18	37	69	8.5	0.23	1,600	0	4%	CHHSL
Selenium	mg/kg	131	41	31%	0.20	0.65	1.5	0.27	0.42	380	0	0%	CHHSL
Silver	mg/kg	131	103	79%	0.043	0.40	1.5	0.27	0.68	380	0	0%	CHHSL
Thallium	mg/kg	131	9	7%	0.24	0.78	1.4	0.37	0.47	5	0	28%	CHHSL
Vanadium	mg/kg	131	131	100%	37	67	93	11	0.16	530	0	18%	CHHSL
Zinc	mg/kg	131	131	100%	24	87	2,400	208	2.4	23,000	0	10%	CHHSL
Only Stockpiles Backfilled On-Site													
Antimony	mg/kg	113	25	22%	0.17	0.81	4.4	0.87	1.1	30	0	15%	CHHSL
Arsenic	mg/kg	113	113	100%	2.3	4.9	8.8	1.2	0.24	10	0	88%	Background
Barium	mg/kg	113	113	100%	78	148	250	30	0.20	5,200	0	5%	CHHSL
Beryllium	mg/kg	113	104	92%	0.10	0.28	0.53	0.09	0.32	150	0	0%	CHHSL
Cadmium	mg/kg	113	54	48%	0.016	0.23	1.3	0.22	0.97	1.7	0	76%	CHHSL
Chromium, Total	mg/kg	113	113	100%	31	57	97	12	0.20	210	0	46%	PRG
Cobalt	mg/kg	113	113	100%	4.9	15	26	3.2	0.22	660	0	4%	CHHSL
Copper	mg/kg	113	113	100%	23	41	82	8.4	0.20	3,000	0	3%	CHHSL
Lead	mg/kg	113	113	100%	6.7	27	130	19	0.71	150	0	87%	CHHSL
Mercury	mg/kg	113	113	100%	0.026	0.13	0.51	0.07	0.55	18	0	3%	CHHSL
Molybdenum	mg/kg	113	72	64%	0.044	0.33	2.5	0.35	1.1	380	0	1%	CHHSL
Nickel	mg/kg	113	113	100%	18	37	59	8.2	0.22	1,600	0	4%	CHHSL
Selenium	mg/kg	113	37	33%	0.20	0.63	1.2	0.25	0.39	380	0	0%	CHHSL
Silver	mg/kg	113	87	77%	0.043	0.38	1.5	0.26	0.68	380	0	0%	CHHSL
Thallium	mg/kg	113	8	7%	0.24	0.73	1.4	0.35	0.49	5	0	28%	CHHSL
Vanadium	mg/kg	113	113	100%	37	67	93	11	0.16	530	0	18%	CHHSL
Zinc	mg/kg	113	113	100%	24	67	460	44	0.66	23,000	0	2%	CHHSL

Notes

All results are dry-weight corrected.

CV = std. dev. / mean

CHHSL = CA Human Health Screening Level

PRG = USEPA Preliminary Remediation Goal

Table 4-3. TPH in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

TPH Range	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
GRO	mg/kg	131	16	12%	0.014	0.13	0.74	0.17	1.3	10	0	7%	leachable/DLM
DRO	mg/kg	131	127	97%	5.9	71	450	57	0.80	250	1	180%	leachable/DLM
MRO	mg/kg	131	130	99%	31	319	1,800	241	0.76	1,900	0	95%	leachable/DLM
Only Stockpiles Backfilled On-Site													
GRO	mg/kg	113	12	11%	0.014	0.097	0.25	0.071	0.73	10	0	3%	leachable/DLM
DRO	mg/kg	113	109	96%	5.9	68	250	48	0.71	250	0	100%	leachable/DLM
MRO	mg/kg	113	112	99%	31	308	1,300	213	0.69	1,900	0	68%	leachable/DLM

Notes

GRO = gasoline range organics

DRO = diesel range organics

MRO = motor oil range organics

DLM = RWQCB Designated Level Methodology

Table 4-4. VOCs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

VOC	Units	Count	Qty. of Detects	%	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
1,1,1,2-Tetrachloroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1,1-Trichloroethane	mg/kg	131	1	1%	---	---	0.0017	---	---	9,000	0	0%	PRG
1,1,2,2-Tetrachloroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1,2-Trichloroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1-Dichloroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1-Dichloroethene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,1-Dichloropropene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,2,3-Trichlorobenzene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,2,3-Trichloropropane	mg/kg	131	3	2%	0.010	0.012	0.015	0.0026	0.22	0.091	0	16%	PRG
1,2,4-Trichlorobenzene	mg/kg	131	2	2%	0.0036	0.0040	0.0043	0.00049	0.13	87	0	0%	PRG
1,2,4-Trimethylbenzene	mg/kg	131	5	4%	0.00057	0.0032	0.013	0.0055	1.7	67	0	0%	PRG
1,2-Dibromo-3-Chloropropane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,2-Dichlorobenzene	mg/kg	131	1	1%	---	---	0.00049	---	---	2,000	0	0%	PRG
1,2-Dichloroethane	mg/kg	131	6	5%	0.00010	0.00015	0.00020	0.00004	0.26	0.28	0	0%	PRG
1,2-Dichloropropane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	mg/kg	131	5	4%	0.00044	0.0020	0.0037	0.0014	0.69	47	0	0%	PRG
1,3-Dichlorobenzene	mg/kg	131	1	1%	---	---	0.00042	---	---	530	0	0%	PRG
1,3-Dichloropropane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
1,4-Dichlorobenzene	mg/kg	131	1	1%	---	---	0.00051	---	---	260	0	0%	PRG
2,2-Dichloropropane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
2-Butanone (MEK)	mg/kg	131	4	3%	0.0094	0.0123	0.019	0.0045	0.37	28,000	0	0%	PRG
2-Chlorotoluene	mg/kg	131	1	1%	---	---	0.00044	---	---	160	0	0%	PRG
2-Hexanone	mg/kg	131	2	2%	0.0083	0.0102	0.012	0.0026	0.26	---	---	---	No limit exists
4-Chlorotoluene	mg/kg	131	1	1%	0.00042	---	0.00042	---	---	160	0	0%	PRG
4-Isopropyltoluene	mg/kg	131	4	3%	0.00066	0.00079	0.0010	0.00015	0.19	---	---	---	No limit exists
4-Methyl-2-pentanone (MIBK)	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Acetone	mg/kg	131	11	8%	0.0070	0.0325	0.090	0.029	0.88	61,000	0	0%	PRG
Benzene	mg/kg	131	4	3%	0.00043	0.00073	0.0012	0.00035	0.47	1.1	0	0%	PRG
Bromobenzene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Bromoform	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Bromomethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Carbon disulfide	mg/kg	130	5	4%	0.00060	0.00071	0.0010	0.00016	0.23	360	0	0%	PRG
Carbon tetrachloride	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chlorobenzene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chlorobromomethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chlorodibromomethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chloroethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chloroform	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Chloromethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---

Notes:

All results are dry-weight corrected.

Table 4-4. VOCs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

VOC	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
cis-1,2-Dichloroethene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
cis-1,3-Dichloropropene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Dibromomethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Dichlorobromomethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Dichlorodifluoromethane	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Ethylbenzene	mg/kg	131	2	2%	0.0015	0.0018	0.0021	0.00042	0.24	5.7	0	0%	PRG
Ethylene Dibromide	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Hexachlorobutadiene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Isopropylbenzene	mg/kg	131	1	1%	0.0035	---	0.0035	---	---	---	---	---	No limit exists
Methyl tert-butyl ether	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Methylene Chloride	mg/kg	131	6	5%	0.0010	0.0017	0.0025	0.00051	0.31	11	0	0%	PRG
n-Butylbenzene	mg/kg	131	3	2%	0.00050	0.0022	0.0053	0.00269	1.2	240	0	0%	PRG
n-Propylbenzene	mg/kg	131	6	5%	0.00049	0.0011	0.0024	0.00084	0.74	240	0	0%	PRG
sec-Butylbenzene	mg/kg	131	3	2%	0.00062	0.0016	0.0029	0.00117	0.73	220	0	0%	PRG
Styrene	mg/kg	131	2	2%	0.0024	0.0030	0.0036	0.00085	0.28	6500	0	0%	PRG
tert-Butylbenzene	mg/kg	131	1	1%	0.00024	---	0.00024	---	---	390	0	0%	PRG
Tetrachloroethene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Toluene	mg/kg	131	7	5%	0.00021	0.00029	0.00037	0.00007	0.23	5000	0	0%	PRG
trans-1,2-Dichloroethene	mg/kg	131	1	1%	0.00017	---	0.00017	---	---	69	0	0%	PRG
trans-1,3-Dichloropropene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Trichloroethene	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Trichlorofluoromethane	mg/kg	131	1	1%	0.0012	---	0.0012	---	---	390	0	0%	PRG
Vinyl acetate	mg/kg	130	0	0%	---	---	---	---	---	---	---	---	---
Vinyl chloride	mg/kg	131	0	0%	---	---	---	---	---	---	---	---	---
Xylenes, Total	mg/kg	131	7	5%	0.00055	0.0025	0.0074	0.0024	0.97	600	0	0%	PRG

Notes:
All results are dry-weight corrected.

Table 4-5. SVOCs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

SVOC	Units	Count	Qty. of Detects	%	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
2,4,5-Trichlorophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,4,6-Trichlorophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,4-Dichlorophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,4-Dimethylphenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,4-Dinitrophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,4-Dinitrotoluene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2,6-Dinitrotoluene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Chloronaphthalene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Chlorophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Methyl-4,6-dinitrophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Methylnaphthalene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Methylphenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Nitroaniline	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
2-Nitrophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
3,3'-Dichlorobenzidine	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
3-Nitroaniline	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Bromophenyl phenyl ether	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Chloro-3-methylphenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Chloroaniline	mg/kg	112	3	3%	0.21	0.25	0.30	0.05	0.19	240	0	0%	PRG
4-Chlorophenyl phenyl ether	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Methylphenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Nitroaniline	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
4-Nitrophenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Azobenzene	mg/kg	111	0	0%	---	---	---	---	---	---	---	---	---
Benzoic acid	mg/kg	112	7	6%	0.048	0.46	0.84	0.30	0.66	240000	0	0%	PRG
Benzyl alcohol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Bis(2-chloroethoxy)methane	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Bis(2-chloroethyl)ether	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Bis(2-ethylhexyl) phthalate	mg/kg	112	17	15%	0.040	1.4	13	3.3	2.3	35	0	37%	PRG
Butyl benzyl phthalate	mg/kg	112	3	3%	0.16	0.41	0.78	0.33	0.79	260	0	0%	PRG
Dibenzofuran	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Diethyl Phthalate	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Dimethyl Phthalate	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Di-n-butyl Phthalate	mg/kg	112	1	1%	0.33	---	0.33	---	---	---	---	---	No limit exists
Di-n-octyl phthalate	mg/kg	112	1	1%	0.33	---	0.33	---	---	---	---	---	No limit exists
Hexachlorobenzene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Hexachlorocyclopentadiene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---

Notes:

All results are dry-weight corrected.

Table 4-5. SVOCs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

SVOC	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
Hexachloroethane	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Isophorone	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Nitrobenzene	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
n-Nitrosodi-n-propylamine	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
n-Nitrosodiphenylamine	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---
Pentachlorophenol	mg/kg	114	8	7%	0.0014	0.16	0.77	0.29	1.86	4.4	0	18%	From CHHSL
Phenol	mg/kg	112	0	0%	---	---	---	---	---	---	---	---	---

Notes:

All results are dry-weight corrected.

Table 4-6. PAHs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

PAH	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
Acenaphthene	mg/kg	116	8	7%	0.011	0.047	0.21	0.067	1.4	3,400	0	0%	PRG
Acenaphthylene	mg/kg	116	0	0%	---	---	---	---	---	---	---	---	No limit exists
Anthracene	mg/kg	116	19	16%	0.0027	0.024	0.088	0.023	0.96	17,000	0	0%	PRG
Benzo(a)anthracene	mg/kg	116	56	48%	0.0010	0.033	0.34	0.067	2.1	---	---	---	Included in BaPeq
Benzo(a)pyrene	mg/kg	116	42	36%	0.0029	0.043	0.34	0.072	1.7	---	---	---	Included in BaPeq
Benzo(b)fluoranthene	mg/kg	116	43	37%	0.0047	0.044	0.43	0.086	2.0	---	---	---	Included in BaPeq
Benzo(g,h,i)perylene	mg/kg	116	18	16%	0.0027	0.037	0.22	0.050	1.4	---	---	---	No limit exists
Benzo(k)fluoranthene	mg/kg	116	35	30%	0.0016	0.021	0.23	0.041	1.9	---	---	---	Included in BaPeq
Chrysene	mg/kg	116	65	56%	0.0016	0.037	0.39	0.065	1.7	---	---	---	Included in BaPeq
Dibenz(a,h)anthracene	mg/kg	116	0	0%	---	---	---	---	---	---	---	---	Included in BaPeq
Fluoranthene	mg/kg	116	74	64%	0.0028	0.044	0.62	0.089	2.0	2,300	0	0%	PRG
Fluorene	mg/kg	116	14	12%	0.0017	0.031	0.17	0.042	1.4	2,300	0	0%	PRG
Indeno(1,2,3-cd)pyrene	mg/kg	116	5	4%	0.0050	0.059	0.16	0.064	1.1				Included in BaPeq
Naphthalene	mg/kg	131	8	6%	0.00084	0.0017	0.0033	0.0009	0.55	3.9	0	0%	PRG
Phenanthrene	mg/kg	116	68	59%	0.0019	0.041	0.52	0.090	2.2	---	---	---	No limit exists
Pyrene	mg/kg	116	80	69%	0.0032	0.048	0.44	0.077	1.6	1,700	0	0%	PRG
BaPeq	mg/kg	116	81	70%	0.001515	0.035	0.47	0.075	2.1	0.151	3	311%	DTSC Guidance
Only Stockpiles Backfilled On-Site													
Acenaphthene	mg/kg	100	6	6%	0.012	0.058	0.21	0.075	1.3	3,400	0	0%	PRG
Acenaphthylene	mg/kg	100	0	0%	---	---	---	---	---	---	---	---	No limit exists
Anthracene	mg/kg	100	16	16%	0.0027	0.025	0.088	0.025	1.0	17,000	0	0%	PRG
Benzo(a)anthracene	mg/kg	100	49	49%	0.0010	0.018	0.12	0.019	1.1	---	---	---	Included in BaPeq
Benzo(a)pyrene	mg/kg	100	33	33%	0.0029	0.026	0.10	0.024	0.95	---	---	---	Included in BaPeq
Benzo(b)fluoranthene	mg/kg	100	33	33%	0.0047	0.020	0.073	0.016	0.77	---	---	---	Included in BaPeq
Benzo(g,h,i)perylene	mg/kg	100	16	16%	0.0027	0.022	0.062	0.015	0.68	---	---	---	No limit exists
Benzo(k)fluoranthene	mg/kg	100	29	29%	0.0016	0.013	0.051	0.011	0.89	---	---	---	Included in BaPeq
Chrysene	mg/kg	100	56	56%	0.0016	0.025	0.12	0.025	1.0	---	---	---	Included in BaPeq
Dibenz(a,h)anthracene	mg/kg	100	0	0%	---	---	---	---	---	---	---	---	Included in BaPeq
Fluoranthene	mg/kg	100	65	65%	0.0028	0.030	0.25	0.046	1.5	2,300	0	0%	PRG
Fluorene	mg/kg	100	12	12%	0.0017	0.033	0.17	0.046	1.4	2,300	0	0%	PRG
Indeno(1,2,3-cd)pyrene	mg/kg	100	3	3%	0.0050	0.017	0.025	0.010	0.62	---	---	---	Included in BaPeq
Naphthalene	mg/kg	113	7	6%	0.00084	0.0018	0.0033	0.0009	0.53	3.9	0	0%	PRG
Phenanthrene	mg/kg	100	60	60%	0.0019	0.032	0.52	0.074	2.3	---	---	---	No limit exists
Pyrene	mg/kg	100	69	69%	0.0032	0.033	0.21	0.043	1.3	1,700	0	0%	PRG
BaPeq	mg/kg	100	70	70%	0.0015	0.021	0.13	0.025	1.2	0.151	0	84%	DTSC Guidance

Notes

All results are dry-weight corrected.

CV = std. dev. / mean

PRG = USEPA Preliminary Remediation Goal

BaPeq = benzo(a)pyrene equivalent

Table 4-7. PCBs in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

PCB	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
Aroclor-1016	mg/kg	117	3	3%	0.14	0.42	0.92	0.43	1.0	0.089	3	1034%	CHHSL
Aroclor-1221	mg/kg	117	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1232	mg/kg	117	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1242	mg/kg	117	2	2%	0.11	0.19	0.27	0.11	0.60	0.089	2	303%	CHHSL
Aroclor-1248	mg/kg	117	7	6%	0.044	0.26	0.72	0.22	0.85	0.089	6	809%	CHHSL
Aroclor-1254	mg/kg	117	4	3%	0.052	0.23	0.57	0.23	0.99	0.089	3	640%	CHHSL
Aroclor-1260	mg/kg	117	11	9%	0.002	0.023	0.099	0.031	1.3	0.089	1	111%	CHHSL
Only Stockpiles Backfilled On-Site													
Aroclor-1016	mg/kg	100	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1221	mg/kg	100	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1232	mg/kg	100	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1242	mg/kg	100	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1248	mg/kg	100	1	1%	0.044	0.044	0.044	---	---	0.089	0	49%	CHHSL
Aroclor-1254	mg/kg	100	0	0%	---	---	---	---	---	0.089	---	---	CHHSL
Aroclor-1260	mg/kg	100	7	7%	0.002	0.0074	0.019	0.0070	0.944	0.089	0	21%	CHHSL

Notes

All results are dry-weight corrected.

CV = std. dev. / mean

CHHSL = CA Human Health Screening Level

Table 4-8. Pesticides in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

Pesticide	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
Azinphos Methyl	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Bolstar	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Chlorpyrifos	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Coumaphos	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Demeton	mg/kg	33	0	0%	---	---	---	---	---	---	---	---	---
Demeton-O	mg/kg	21	0	0%	---	---	---	---	---	---	---	---	---
Demeton-S	mg/kg	20	0	0%	---	---	---	---	---	---	---	---	---
Diazinon	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Dichlorvos	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Dimethoate	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Disulfoton	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Ethion	mg/kg	13	0	0%	---	---	---	---	---	---	---	---	---
Ethoprop	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Ethyl p-Nitrophenyl Phenylphosphorothioate (EPN)	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Famphur	mg/kg	20	1	5%	0.023	---	0.023	---	---	---	---	---	No limit exists
Fensulfotion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Fenthion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Malathion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Merphos	mg/kg	12	0	0%	---	---	---	---	---	---	---	---	---
Methyl Parathion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Mevinphos	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Naled	mg/kg	12	0	0%	---	---	---	---	---	---	---	---	---
o,o,o-Triethyl Phosphorothioate	mg/kg	20	0	0%	---	---	---	---	---	---	---	---	---
Parathion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Phorate	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Ronnel	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Stirofos	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Tetraethyl Dithiopyrophosphate	mg/kg	32	0	0%	---	---	---	---	---	---	---	---	---
Thionazin (Zinophos)	mg/kg	32	0	0%	---	---	---	---	---	---	---	---	---
Tokuthion	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Trichloronate	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---

Notes

All results are dry-weight corrected.

CV = std. dev. / mean

Table 4-9. Herbicides in Soil Stockpiles Analytical Results Summary

Folsom Corp. Yard Landfill Clean Closure Certification Report

Herbicide	Units	Count	Qty. of Detects	% Detects	Statistics for detected results only					Cleanup Goal (CG)	Qty. Over CG	Max as % of CG	CG Source
					Min.	Mean	Max.	Std. Dev.	CV				
All Stockpiles													
2,4,5-T	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
2,4,5-TP (Trichlorophenoxy) (Silvex)	mg/kg	34	2	6%	0.00669	0.19	0.37	0.26	1.4	4.4	0	8%	CHHSL
2,4-D	mg/kg	34	2	6%	0.0070	0.0085	0.010	0.0021	0.25	690	0	0%	CHHSL
2,4-DB	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
2-methyl-4-chlorophenoxyacetic acid (MCPA)	mg/kg	34	1	3%	2.6	---	2.6	--	---	31	0	8%	PRG
Dalapon	mg/kg	34	7	21%	0.025	0.055	0.11	0.030	0.54	1,800	0	0%	PRG
Dicamba	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Dichloroprop	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
Dinoseb	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---
MCP	mg/kg	34	0	0%	---	---	---	---	---	---	---	---	---

Notes

All results are dry-weight corrected.

CV = std. dev. / mean

CHHSL = CA Human Health Screening Level

PRG = USEPA Preliminary Remediation Goal

Table 4-10. Waste Characterization Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

	Antimony, Total (mg/kg)	Antimony, Soluble (mg/L)	Arsenic, Total (mg/kg)	Arsenic, Soluble (mg/L)	Barium, Total (mg/kg)	Barium, Soluble (mg/L)	Beryllium, Total (mg/kg)	Beryllium, Soluble (mg/L)	Cadmium, Total (mg/kg)	Cadmium, Soluble (mg/L)	Chromium, Total (mg/kg)	Chromium, Soluble (mg/L)	Cobalt, Total (mg/kg)	Cobalt, Soluble (mg/L)	Copper, Total (mg/kg)	Copper, Soluble (mg/L)	Lead, Total (mg/kg)	Lead, Soluble (mg/L)	Mercury, Total (mg/kg)	Mercury, Soluble (mg/L)	Molybdenum, Total (mg/kg)	Molybdenum, Soluble (mg/L)	Nickel, Total (mg/kg)	Nickel, Soluble (mg/L)	Selenium, Total (mg/kg)	Selenium, Soluble (mg/L)	Silver, Total (mg/kg)	Silver, Soluble (mg/L)	Thallium, Total (mg/kg)	Thallium, Soluble (mg/L)	Vanadium, Total (mg/kg)	Vanadium, Soluble (mg/L)	Zinc, Total (mg/kg)	Zinc, Soluble (mg/L)
TLC/STLC	500	15	500	5	10,000	100	75	0.75	100	1	2,500	5	8,000	80	2,500	25	1,000	5	20	0.2	3,500	350	2,000	20	100	1	500	5	700	7	2,400	24	5,000	250
CAP-SP-14	<0.15	---	4.2	---	130	---	0.37 J	---	0.083 J	---	45	---	11	---	31	---	49	---	0.083	---	<0.093 UJ	---	23	---	<0.24	---	0.14 J	---	<0.23	---	58	---	35	---
UFA-SP-1	0.54 J	---	4.3	---	170	---	0.18 J	---	0.57	---	54	<0.044 UJ	17	---	39	---	34	---	0.072	---	0.21 J	---	37	---	0.76 J	---	0.71 J	---	<0.062	---	79	---	60	---
UFA-SP-13	<0.057	---	7.6	---	140	---	0.43 J	---	3.8	---	62	0.41 J	13	---	44	---	61	2.1	0.79	---	0.36 J	---	39	---	0.51 J	---	0.28 J	---	<0.067	---	74	---	140	---
UFA-SP-20	<0.053	---	4.5	---	150	---	0.42 J	---	0.16 J	---	52	0.14 J	12	---	36	---	65	3.5	0.17	---	<0.36 UJ	---	30	---	<0.19 UJ	---	0.19 J	---	<0.062	---	66	---	110	---
UFA-SP-22	0.45 J	---	5.7	---	170	---	0.17 J	---	0.66	---	53	0.15 J	14	---	45	---	84	2.5	0.22	---	0.42 J	---	35	---	<0.096	---	0.85 J	---	<0.069	---	63	---	180	---
UFA-SP-24	<0.055	---	5.3	---	140	---	0.46 J	---	0.73	---	50	0.15 J	13	---	41	---	72	2.6	0.2	---	0.35 J	---	32	---	<0.09	---	0.73 J	---	<0.065	---	63	---	130	---
MLF-SP-1	<0.056	---	4.8	---	150	---	0.41 J	---	0.44 J	---	280 J	0.11 J	14	---	40	---	38	---	0.2	---	0.13 J	---	69 J	---	<0.33 UJ	---	0.23 J	---	<0.066	---	64	---	120	---
MLF-SP-2	<0.056	---	3.8	---	130	---	0.39 J	---	0.46 J	---	48	---	12	---	28	---	24	---	0.28	---	<0.029 UJ	---	30	---	<0.091	---	0.21 J	---	<0.066	---	56	---	68	---
MLF-SP-4	<0.058	---	5.3	---	180	---	0.57 J	---	0.47 J	---	62	0.13 J	16	---	37	---	66	1.7	0.33	---	<0.02	---	38	---	<0.095	---	0.27 J	---	<0.068	---	76	---	93	---
MLF-SP-5	<0.056 UJ	---	4.9	---	200	---	0.42 J	---	<0.0044	---	52	0.15 J	14	---	37	---	29	---	0.17	---	0.17 J	---	34	---	<0.57 UJ	---	0.77 J	---	<0.066	---	75	---	74	---
MLF-SP-9	<0.17	---	5.2	---	160	---	0.25 J	---	<0.061	---	58	2.5 J	15	---	36	---	34	---	0.16	---	0.54 J	---	36	---	<0.27	---	0.3 J	---	<0.26	---	76	---	80	---
MLF-SP-16	0.26 J	---	4.3	---	124	---	0.39 J	---	0.32 J	---	47.6	---	11.5	---	31.2	---	21.2	---	0.25	---	<0.18 UJ	---	35	---	<0.23	---	0.4 J	---	<0.23	---	63.2	---	66.6	---
MLF-SP-32	<0.16	---	4.9	---	120	---	0.35 J	---	0.11 J	---	53	0.13 J	15	---	42	---	14	0.69	0.21	---	<0.19 UJ	---	35	---	<0.25	---	0.16 J	---	<0.24	---	62	---	49	---
MLF-SP-48	1.8 J	---	4.1	---	120	---	0.20 J	---	0.43 J	---	52	0.22	14	---	37	---	20	---	0.07	---	0.51 J	---	35	---	1.5 J	---	0.68 J	---	1.2 J	---	54	---	55	---
MLF-SP-49	<0.28	---	4.5	---	100	---	0.055 J	---	<0.031	---	48	---	13	---	34	---	47	---	0.15	---	<0.044	---	31	---	<0.23	---	<0.039	---	<0.39	---	48	---	43	---
MLF-SP-67	0.33 J	---	5.1	---	160	---	0.24 J	---	<0.033	---	71	0.29	17	---	47	---	18	---	0.18	---	<0.048	---	50	---	<0.26	---	<0.043	---	<0.43	---	71	---	72	---
MLF-SP-71	1 J	---	4.9	---	180	---	0.27 J	---	2.3 J	---	54	0.39 J	16	---	43	---	40	---	0.16	---	0.14 J	---	38	---	0.56 J	---	1.3	---	<0.43	---	70	---	2,400 J	---
MLF-SP-81	<0.27	---	11	<0.22	210	---	0.25 J	---	<0.058	---	65	0.34 J	17	---	51	---	33	---	0.11	---	0.26 J	---	51	---	<0.59	---	0.52 J	---	<0.68	---	81	---	83	---

Notes
Bold indicates TTLC detections above 10 times STLC that require an STLC analysis
J = estimated value; analyte detected between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)
TTLC = total threshold limit concentration
STLC = soluble threshold limit concentration

UFA = Uncontrolled Fill Area
UJ = analyte not detected at the estimated MDL

MLF = Main Landfill Area

Table 5-1. Confirmation Sampling Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

					Nitrate as NO3 Soluble	Sulfate as SO4 Soluble	Antimony Total	Arsenic Total	Barium Total	Beryllium Total	Cadmium Total	Chromium Total	Cobalt Total	Copper Total	Lead Total	Mercury Total	Molybdenum Total	Nickel Total	Selenium Total	Silver Total	Thallium Total	Vanadium Total	Zinc Total	
Method					E300	E300	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B	
Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Cleanup Goal					450	570	30	10	5,200	150	1.7	210	660	3,000	150	18	380	1,600	380	380	5	530	23,000	
Possible/Selected Nodes					Sample Name/Type/Date					UFA Confirmation Samples - Round 1 Southern Portion														
X3Y2, X3Y3, X3Y4, X3Y5, X4Y4, X4Y5, X5Y4, X5Y5, X6Y3, X6Y4, X6Y5, X7Y3, X7Y4, X7Y5, X8Y3, X8Y4, X8Y5, X9Y3, X9Y4, X9Y5, X10Y3, X10Y4, X10Y5, X11Y4, X11Y5	X10Y4	UFA-CS-1	Primary	10/29/08	11	69	<0.061	4.1	140	0.48 J	0.056 J	41	14	36	38	0.14	<0.12 UJ	27	<0.12 UJ	0.38 J	<0.071	73	64	
	X8Y3	UFA-CS-2	Primary	10/29/08	3 J	67	<0.061	13	320	0.61 J	0.21 J	65	12	52	49	0.72	<0.48 UJ	42	0.56 J	2.3	<0.072	63	130	
	X7Y4	UFA-CS-3	Primary	10/29/08	51	290	<0.056	8	190	0.56 J	0.17 J	55	14	47	49	0.41	<0.26 UJ	40	<0.46 UJ	0.94 J	<0.065	69	100	
	X6Y3	UFA-CS-4	Primary	10/29/08	17	2,600	<0.056	4.6	120	0.52 J	<0.0043	57	15	34	26	0.25	<0.24 UJ	35	<0.25 UJ	0.19 J	<0.065	84	51	
	X4Y5	UFA-CS-5	Primary	10/29/08	52	120	<0.054	4.5	150	0.38 J	0.12 J	52	13	40	37	0.16	<0.3 UJ	33	<0.17 UJ	0.3 J	<0.063	66	79	
	X3Y5	UFA-CS-6	Primary	10/29/08	14	71	<0.06	2.6	190	0.77	<0.0047	29	16	31	16	0.064	<0.037 UJ	21	<0.098	0.47 J	<0.071	83	61	
	X6Y4	CS-X6Y4-140.7	Step-out	11/10/08	---	10,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X7Y3	CS-X7Y3-139.4	Step-out	11/10/08	---	210	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X5Y4	CS-X5Y4-142.6	Step-out	11/10/08	---	180	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X6Y5	CS-X6Y5-139.8	Step-out	11/12/08	---	110	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X6Y3	CS-X6Y3-141.2	Re-confirm.	11/11/08	---	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X6Y4	CS-X6Y4-137.7	Re-confirm.	11/11/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																			
Possible/Selected Nodes					Sample Name/Type/Date					UFA Confirmation Samples - Round 2 Northern Portion														
X3Y6, X4Y6, X5Y6, X6Y6, X7Y6, X8Y6, X9Y6, X10Y6, X11Y6, X12Y6, X3Y7, X4Y7, X5Y7, X6Y7, X7Y7, X8Y7, X9Y7, X10Y7, X11Y7, X12Y7, X3Y8, X4Y8, X5Y8, X6Y8, X7Y8, X8Y8, X9Y8, X10Y8, X11Y8, X12Y8, X3Y9, X4Y9, X5Y9, X6Y9, X7Y9, X8Y9, X9Y9, X10Y9, X11Y9, X12Y9, X13Y9, X3Y10, X4Y10, X5Y10, X6Y10, X7Y10, X4Y11, X5Y11, X6Y11, X4Y12, X5Y12, X4Y13, X5Y13, X4Y14, X5Y14, X5Y15, X5Y16, X6Y16, X6Y17	X3Y6	CS-X3Y6-138.7	Primary	11/21/08	5.3 J	66	0.37 J	2.9	200	0.6 J	<0.0049	29	14	37	27	0.11	<0.071 UJ	17	0.6 J	0.81 J	<0.074	77	62	
	X7Y6	CS-X7Y6-141.0	Primary	11/21/08	67	85	<0.052	2.9	77	0.14 J	<0.0041	28	7.6	17	20	0.18	0.18 J	22	0.29 J	0.35 J	<0.061	39	110	
	X8Y6	CS-X8Y6-141.0	Primary	11/21/08	96	48	0.53 J	6.3	230	0.22 J	0.15 J	45	13	62	160	0.4	0.26 J	34	0.24 J	3.1	<0.06	52	180	
	X12Y6	CS-X12Y6-150.8	Primary	11/21/08	17	11	<0.052 UJ	6.4	98	0.22 J	<0.004	55	14	41	11	0.067	0.34 J	67	0.59 J	0.31 J	<0.061	57	53	
	X12Y6	CS-X12Y6-150.8DUP	Duplicate	11/21/08	21	11 J	<0.052 UJ	6	110	0.17 J	<0.004	51	13	40	14	0.068	0.24 J	56	0.41 J	0.25 J	<0.061	51	48	
	X4Y7	CS-X4Y7-134.9	Primary	11/21/08	99	120	0.36 J	4.9	100	0.16 J	<0.0041	80	13	35	24	0.13	0.27 J	40	0.24 J	0.38 J	<0.062	61	52	
	X10Y7	CS-X10Y7-144.4	Primary	11/21/08	30	43	0.058 J	6.1	130	0.25 J	<0.004	58	14	39	37	0.17	0.33 J	34	0.23 J	0.42 J	<0.06	77	69	
	X3Y8	CS-X3Y8-141.7	Primary	11/21/08	5.6 J	34	0.41 J	4.1	140	0.29 J	<0.0041	42	13	33	27	0.15	0.13 J	26	0.14 J	0.41 J	<0.062	65	51	
	X7Y8	CS-X7Y8-142.3	Primary	11/21/08	83	63	0.25 J	3	130	0.37 J	<0.0048	22	10	28	11	0.085	<0.025 UJ	18	0.3 J	0.53 J	<0.072	56	58	
	X8Y9	CS-X8Y9-143.7	Primary	11/21/08	240	140	0.1 J	10	150	0.15 J	2.2	56	16	64	61	0.21	0.9 J	60	0.36 J	0.48 J	<0.07	72	460	
	X4Y10	CS-X4Y10-142.2	Primary	11/21/08	5.5 J	96	<0.057 UJ	5.2	120	0.31 J	<0.0044	63	16	34	16	0.07	<0.092 UJ	28	0.18 J	0.39 J	<0.066	83	45	
	X5Y12	CS-X5Y12-133.3	Primary	11/21/08	76	180	0.077 J	5.6	170	0.19 J	<0.0045	55	14	43	21	0.24	<0.089 UJ	36	0.25 J	0.79 J	<0.068	77	75	
	X5Y13	CS-X5Y13-139.3	Primary	11/21/08	2.8 J	21	<0.051 UJ	9.8	97	0.14 J	<0.0039	45	12	44	11	0.15	0.28 J	41	0.26 J	0.32 J	<0.059	51	43	
	X11Y9	CS-X11Y9-151.9	Primary	11/21/08	6 J	64	<0.055 UJ	3.6	120	0.2 J	<0.0043	37	10	26	14	0.083	0.2 J	26	0.34 J	0.33 J	<0.064	56	43	
	X13Y9	CS-X13Y9-154.0	Primary	11/21/08	12	26	0.24 J	3.8	130	0.22 J	<0.0043	46	15	27	21	0.083	0.21 J	30	0.18 J	0.33 J	<0.065	59	51	
	X5Y10	CS-X5Y10-142.5	Primary	11/21/08	14	18	<0.05 UJ	5.2	89	0.11 J	<0.0039	48	12	43	15	0.11	0.27 J	51	0.19 J	0.26 J	<0.059	46	59	
	X6Y16	CS-X6Y16-144.2	Primary	11/21/08	46	40	<0.055 UJ	4.3	190	0.23 J	<0.0042	59	14	36	96	0.25	0.22 J	32	0.26 J	0.45 J	<0.064	74	160	
	X8Y7	CS-X8Y7-142.3	Step-out	11/26/08	---	---	---	---	---	---	---	---	---	---	---	49	---	---	---	---	---	---	---	
	X9Y6	CS-X9Y6-140.6	Step-out	11/26/08	---	---	---	---	---	---	---	---	---	---	---	30	---	---	---	---	---	---	---	
	X8Y5	CS-X8Y5-139.5	Step-out	12/3/08	---	---	---	---	---	---	---	---	---	---	---	35	---	---	---	---	---	---	---	
	X8Y10	CS-X8Y10-143.0	Step-out	12/10/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																			
	X7Y9	CS-X7Y9-143.0	Step-out	11/26/08	---	---	---	---	---	---	0.26 J	---	---	---	---	---	---	---	---	---	---	---	---	
	X8Y8	CS-X8Y8-144.0	Step-out	11/26/08	---	---	---	---	---	---	0.39 J	---	---	---	---	---	---	---	---	---	---	---	---	
	X9Y9	CS-X9Y9-144.9	Step-out	11/26/08	---	---	---	---	---	---	0.29 J	---	---	---	---	---	---	---	---	---	---	---	---	
	X8Y6	CS-X8-Y6-140.0	Re-confirm.	11/26/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																			
	X8Y9	CS-X8-Y9-142.7	Re-confirm.	11/26/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																			

Table 5-1. Confirmation Sampling Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

					Nitrate as NO3 Soluble	Sulfate as SO4 Soluble	Antimony Total	Arsenic Total	Barium Total	Beryllium Total	Cadmium Total	Chromium Total	Cobalt Total	Copper Total	Lead Total	Mercury Total	Molybdenum Total	Nickel Total	Selenium Total	Silver Total	Thallium Total	Vanadium Total	Zinc Total
Method					E300	E300	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Cleanup Goal					450	570	30	10	5,200	150	1.7	210	660	3,000	150	18	380	1,600	380	380	5	530	23,000
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 1 Lower Deck													
X8Y10, X9Y10, X10Y10, X11Y10, X12Y10, X13Y10, X7Y11, X8Y11, X9Y11, X10Y11, X11Y11, X12Y11, X6Y12, X7Y12, X8Y12, X9Y12	X10Y10	CS-X10Y10-144.3	Primary	12/10/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X9Y11	CS-X9Y11-143.6	Primary	12/10/08	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X7Y12	CS-X7Y12-143.6	Primary	12/10/08	69	170	<0.054	4.6	140	0.51 J	0.022 J	56	14	42	18	0.15	0.3 J	49	<0.3 UJ	0.18 J	<0.064	61	57
	X7Y12	CS-X7Y12-143.6DUP	Duplicate	12/10/08	60	230	<0.058	5.1	180	0.63	0.077 J	54	15	38	27	0.15	0.39 J	37	<0.14 UJ	0.19 J	<0.068	74	69
	X11Y11	CS-X11Y11-141.7	Primary	12/10/08	10 J	57	<0.059 UJ	5.3	160	0.66	<0.0046	66	16	38	16	0.11 J	0.51 J	46	<0.16 UJ	0.13 J	<0.069	81	47
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 2 Lower Deck													
X13Y11, X10Y12, X11Y12, X12Y12, X13Y12, X14Y12, X6Y13, X7Y13, X8Y13, X9Y13, X10Y13, X11Y13, X12Y13, X13Y13, X14Y13, X14Y14	X13Y11	CS-X13Y11-145.4	Primary	3/23/09	13	99	<0.17	6.2	150	0.18 J	<0.059	48	7.3	39	20	0.19	1.2	22	0.28 J	0.12 J	<0.25	61	35
	X14Y13	CS-X14Y13-143.6	Primary	3/23/09	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X8Y13	CS-X8Y13-143.6	Primary	3/23/09	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X11Y13	CS-X11Y13-136.5	Primary	3/23/09	3.9 J	57	<0.16 UJ	5.9	120	0.22 J	0.11 J	65	14	35	63	0.11	1.1	33	<0.25	0.28 J	<0.24	77	52
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 3 Lower Deck													
X7Y14, X7Y15, X7Y16, X7Y17, X7Y18, X8Y14, X8Y15, X8Y16, X8Y17, X8Y18, X9Y14, X9Y15, X9Y16, X9Y17, X9Y18, X10Y14, X10Y15, X10Y16, X10Y17, X11Y14, X11Y15, X11Y16, X11Y17, X12Y14, X12Y15, X12Y16, X12Y1, X13Y14, X13Y15, X13Y16, X13Y17	X7Y15	CS-X7Y15-140.0	Primary	4/16/09	<0.99	11	<0.15	3.3	140	0.14 J	0.079 J	59	13	26	2.3	<0.048	0.4 J	34	<0.24	0.16 J	<0.23	73	40
	X7Y16	CS-X7Y16-139.2	Primary	4/16/09	2.2 J	65	<0.15	5.2	110	0.19 J	0.15 J	56	13	34	23	0.1 J	0.3 J	29	<0.24	0.14 J	<0.22	63	47
	X8Y18	CS-X8Y18-143.0	Primary	4/16/09	43	220	<0.17	3.4	140	0.22 J	0.11 J	43	12	27	12	0.071 J	<0.27 UJ	26	<0.27	0.16 J	<0.26	58	40
	X9Y15	CS-X9Y15-140.0	Primary	4/16/09	1.8 J	8.1 J	<0.16	3.9	150	0.11 J	0.076 J	71	13	28	2	<0.044	<0.23 UJ	35	<0.25	0.16 J	<0.24	73	40
	X9Y16	CS-X9Y16-139.3	Primary	4/16/09	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X9Y17	CS-X9Y17-144.1	Primary	4/16/09	32	180	<0.16	3.8	130	0.18 J	0.12 J	53	13	35	9.8	0.062 J	0.36 J	32	<0.25	0.19 J	<0.23	67	42
	X10Y16	CS-X10Y16-140.6	Primary	4/16/09	15	33	<0.16	4	120	0.077 J	0.13 J	60	14	33	6.6	0.071 J	0.55 J	41	<0.25	0.35 J	<0.24	72	46
	X11Y15	CS-X11Y15-137.7	Primary	4/16/09	9.2 J	120	<0.16	5.9	110	0.16 J	0.21 J	53	14	39	19	0.35	0.36 J	47	<0.26	0.17 J	<0.25	60	49
	X11Y17	CS-X11Y17-138.8	Primary	4/16/09	12	11	<0.16	5.1	100	0.079 J	0.13 J	52	12	36	9.1	0.17 J	<0.24 UJ	55	<0.26	0.22 J	<0.25	48	44
X13Y16	CS-X13Y16-136.0	Primary	4/16/09	8.8 J	23	<0.17	5.6	97	0.15 J	0.13 J	48	13	29	6.6	0.41	0.34 J	47	<0.26	0.14 J	<0.25	49	260	
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 4 Lower Deck													
X10Y18, X11Y18, X12Y18, X13Y18, X14Y18, X10Y19, X11Y19, X12Y19, X14Y13, X14Y15, X14Y16, X14Y17	X10Y19	CS-X10Y19-146.2	Primary	5/7/09	9.7	14	<0.16	7	120	0.21 J	0.11 J	60	14	41	18	0.14	0.49 J	47	<0.25	0.17 J	<0.24	68	43
	X13Y18	CS-X13Y18-139.8	Primary	5/7/09	4.9	14	<0.16	5.8	130	0.31 J	0.11 J	58	21	39	11	0.14	0.26 J	43	<0.26	0.15 J	<0.25	79	45
	X14Y18	CS-X14Y18-141.3	Primary	5/7/09	3.5 J	4.7	<0.16 UJ	9.7	160 J	0.42 J	0.083 J	66	20	47	7	0.12	0.52 J	54	<0.26	0.14 J	<0.24	86 J	52
	X14Y13	CS-X14Y13-146.1	Primary	5/7/09	7.1	15	<0.17	4.9	110	0.26 J	0.074 J	80	13	30	16	0.1	0.37 J	36	<0.26	0.11 J	<0.25	62	35
	X14Y13	CS-X14Y13-146.1DUP	Duplicate	5/7/09	5.8	10	<0.17	5	120	0.2 J	0.095 J	53	12	33	15	0.081	0.36 J	41	<0.27	0.1 J	<0.26	58	42
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 5 Lower Deck													
X10Y20, X11Y20, X11Y21, X12Y20, X13Y19, X13Y20, X11Y22, X12Y21, X13Y21	X10Y20	CS-X10Y20-147.5	Primary	5/19/09	270	110	<0.15	4.4	120	0.22 J	<0.051	45	14	33	25	0.062	<0.23 UJ	24	<0.23	0.13 J	<0.22	59	41
	X12Y21	CS-X12Y21-139.1	Primary	5/19/09	1.7 J	42	<0.15	5.6	80	0.15 J	0.055 J	39	10	35	31	0.14	<0.27 UJ	40	<0.23	0.27 J	<0.22	41	38
	X13Y19	CS-X13Y19-130.0	Primary	5/19/09	6.2 J	20	<0.14	5.5	70	0.15 J	<0.051	55	11	33	4.7	0.2	<0.36 UJ	42	<0.23	0.13 J	<0.22	46	38

Table 5-1. Confirmation Sampling Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 6 Lower Deck																		
										Nitrate as NO3 Soluble	Sulfate as SO4 Soluble	Antimony Total	Arsenic Total	Barium Total	Beryllium Total	Cadmium Total	Chromium Total	Cobalt Total	Copper Total	Lead Total	Mercury Total	Molybdenum Total	Nickel Total	Selenium Total	Silver Total	Thallium Total	Vanadium Total	Zinc Total
										E300	E300	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B
Cleanup Goal					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
					450	570	30	10	5,200	150	1.7	210	660	3,000	150	18	380	1,600	380	380	5	530	23,000					

Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 6 Lower Deck													
X6Y18, X6Y19, X7Y19, X8Y19, X9Y19, X6Y20, X7Y20, X8Y20, X9Y20, X7Y21, X8Y21, X9Y21, X10Y21, X8Y22, 9Y22, X8Y23, X9Y23	X6Y18	CS-X6Y18-140.9	Primary	5/28/09	34	46	<0.16	6.5	160	0.38 J	0.15 J	64	17	39	9.9	0.11	0.41 J	43	<0.25	0.33 J	<0.23	83	53
	X9Y20	CS-X9Y20-145.4	Primary	5/28/09	280	78	<0.17	4.4	120	0.27 J	0.099 J	61	13	32	10	0.11	0.28 J	33	<0.27	0.17 J	<0.26	71	43
	X9Y23	CS-X9Y23-138.3	Primary	5/28/09	13	43	<0.17	11	110	0.2 J	0.13 J	47	13	35	5.1	0.14	0.32 J	89	<0.27	0.098 J	<0.25	51	43
	X7Y21	CS-X7Y21-140.5	Primary	5/28/09	16	19	<0.16	3.8	160	0.24 J	0.078 J	68	14	29	2.4	0.036	<0.26 UJ	37	<0.26	0.16 J	<0.24	81	42
	X8Y19	CS-X8Y19-143.3	Primary	5/28/09	34	65	<0.16	4.4	160	0.25 J	0.11 J	62	15	33	15	0.34	<0.23 UJ	38	<0.25	0.26 J	<0.24	82	50

Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 7 Lower Deck													
X10Y22, X12Y22, X13Y22, X10Y23, X11Y23, X12Y23, X13Y23, X09Y24, X10Y24, X11Y24, X12Y24, X13Y24, X14Y24, X09Y25, X10Y25, X11Y25, X12Y25, X10Y26	X09Y24	CS-X9Y24-139.4	Primary	6/11/09	1.4 J	<9.4 UJ	<0.15 UJ	3.7	140	0.18 J	<0.054	61	15	30	2.8	0.011 J	0.33 J	36	<0.24	0.12 J	<0.23	79	42
	X11Y23	CS-X11Y23-146.0	Primary	6/11/09	380	1,600	<0.16	6.3	130	0.2 J	0.18 J	54	16	48	86	0.2	<0.03	38	<0.25	0.28 J	<0.24	58	80
	X11Y23	CS-X11Y23-143.7	Re-confirm.	6/16/09	---	400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X11Y25	CS-X11Y25-144.2	Primary	6/11/09	150	59	<0.16	3.4	160	0.15 J	<0.057	64	13	29	4.9	0.037	0.15 J	36	<0.26	0.11 J	<0.25	71	39
	X13Y24	CS-X13Y24-136.9	Primary	6/11/09	47	58	<0.17	4.4	63	0.096 J	0.074 J	84	25	86	5.5	0.085	<0.11 UJ	47	<0.26	0.26 J	<0.25	63	49
	X13Y22	CS-X13Y22-139.7	Primary	6/11/09	8.7 J	72	<0.16	5	97	0.12 J	0.075 J	46	12	36	14	0.12	0.26 J	44	<0.25	0.13 J	<0.23	50	42
	X10Y23	CS-X10Y23-143.2	Step-out	6/16/09	---	36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X11Y22	CS-X11Y22-144.4	Step-out	6/16/09	---	190	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X11Y24	CS-X11Y24-146.7	Step-out	6/16/09	---	180	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
X12Y23	CS-X12Y23-141.9	Step-out	6/16/09	---	120	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 8 Upper Deck													
X14Y19, X14Y20, X14Y21, X14Y22, X14Y23, X13Y25, X13Y27, X14Y25, X14Y26, X15Y25, X11Y26, X12Y26, X13Y26, X11Y27	X14Y20	CS-X14Y20-138.6	Primary	6/29/09	23 J	20 J	3.2	9.9	99	0.36 J	<0.029	60	16	40	6.8	0.069	0.16 J	48	<0.26 UJ	<0.037	<0.37	56	54
	X14Y22	CS-X14Y22-138.2	Primary	6/29/09	1.1 J	14	0.68 J	5.3	69	0.14 J	<0.029	44	11	36	5.2	0.15	0.21 J	40	<0.23	<0.038	<0.38	45	34
	X13Y26	CS-X13Y26-141.2	Primary	6/29/09	91	160	2.3	11	160	0.32 J	<0.032	55	15	49	130	0.3	0.2 J	46	0.88 J	0.52 J	<0.41	52	75
	X13Y26	CS-X13Y26-140.1	Re-confirm.	7/1/09	---	---	---	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X13Y26	CS-X13Y26-139.0	Re-confirm.	7/6/09	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																		
	X11Y26	CS-X11Y26-141.8	Primary	6/29/09	20	69 J	0.39 J	3.6	160	0.22 J	<0.031	58	15	31	3.9	0.056 J	<0.045	38	<0.54 UJ	<0.04	<0.4	67	40
	X11Y26	CS-X11Y26-141.8DUP	Duplicate	6/29/09	33	35 J	<0.28	3.9	180	0.22 J	<0.03	67	16	32	3.5	0.021 J	<0.044	40	<0.36 UJ	<0.039	<0.39	75	44
	X13Y27	CS-X13Y27-143.3	Step-out	7/1/09	---	---	---	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X14Y26	CS-X14Y26-137.7	Step-out	7/1/09	---	---	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X12Y26	CS-X12Y26-147.2	Step-out	7/1/09	---	---	---	6.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	X13Y25	CS-X13Y25-139.6	Step-out	7/1/09	---	---	---	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 5-1. Confirmation Sampling Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

					Nitrate as NO3 Soluble	Sulfate as SO4 Soluble	Antimony Total	Arsenic Total	Barium Total	Beryllium Total	Cadmium Total	Chromium Total	Cobalt Total	Copper Total	Lead Total	Mercury Total	Molybdenum Total	Nickel Total	Selenium Total	Silver Total	Thallium Total	Vanadium Total	Zinc Total	
Method					E300	E300	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B	
Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Cleanup Goal					450	570	30	10	5,200	150	1.7	210	660	3,000	150	18	380	1,600	380	380	5	530	23,000	
Possible/Selected Nodes					Sample Name/Type/Date				MLF Confirmation Samples - Round 9 Upper Deck															
X10Y27, X10Y28, X10Y29, X11Y28, X11Y29, X12Y27, X12Y28, X13Y28, X14Y27, X15Y22, X15Y23, X15Y24, X15Y26, X15Y27, X16Y24, X16Y25, X16Y26	X10Y28	CS-X10Y28-138.1	Primary	7/20/09	2.6 J	10 J	<0.28	5	150	0.15 J	0.13 J	51	15	33	5.8	0.028	<0.044	45	0.82 J	<0.039	<0.39	52	43	
	X12Y28	CS-X12Y28-141.2	Primary	7/20/09	30 J	100	4 J	21 J	100	0.22 J	0.9	61	17	48	24	0.24	<0.043 UJ	38	1.1 J	<0.038	<0.38	53	46	
	X12Y28	CS-X12Y28-139.8	Re-confirm.	7/23/09	---	---	---	9.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X15Y27	CS-X15Y27-136.4	Primary	7/20/09	7.1 J	170	<0.28	6.8	150	0.22 J	0.16 J	70	16	43	26	0.14	<0.044	43	0.78 J	<0.039	<0.39	66	56	
	X15Y24	CS-X15Y24-138.2	Primary	7/20/09	<0.94	46	<0.29	6.6	81	0.18 J	0.1 J	44	12	36	5.9	0.51	<0.045	59	0.66 J	<0.04	<0.4	43	37	
	X15Y26	CS-X15Y26-136.7	Primary	7/20/09	1.5 J	11	<0.28	2.7	61	0.11 J	0.059 J	46	8.4	27	5	0.24	<0.043	46	<0.41 UJ	0.043 J	<0.39	39	44	
	X11Y28	CS-X11Y28-139.3	Step-out	7/23/09	---	---	---	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X12Y29	CS-X12Y29-139.4	Step-out	7/23/09	---	---	---	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X12Y27	CS-X12Y27-145.5	Step-out	7/23/09	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X13Y28	CS-X13Y28-144.2	Step-out	7/23/09	---	---	---	18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X11Y27	CS-X11Y27-139.5	Step-out	7/27/09	---	---	---	6.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X13Y29	CS-X13Y29-143.1	Step-out	7/27/09	---	---	---	16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X14Y28	CS-X14Y28-137.6	Step-out	7/27/09	Unable to collect sample due to predominance of dredge tailings (cobbles/gravels) and lack of soil matrix.																			
X13Y30	CS-X13Y30-140.2	Step-out	7/30/09	---	---	---	4.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
X14Y29	CS-X14Y29-143.2	Step-out	7/30/09	---	---	---	6.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Possible/Selected Nodes					Sample Name/Type/Date				MLF Confirmation Samples - Round 10 Upper Deck															
X11Y30, X11Y31, X12Y29, X12Y30, X12Y31, X12Y32, X13Y29, X13Y30, X13Y31, X14Y28, X14Y29, X14Y30, X14Y31, X15Y28, X15Y29, X15Y30, X16Y27, X16Y28, X16Y29, X16Y30	X11Y30	CS-X11Y30-138.3	Primary	7/30/09	9.8 J	79	1.1 J	6.5	130 J	0.33 J	<0.031	75 J	19	41 J	19	0.063	0.26 J	44 J	0.91 J	<0.04	<0.4	79 J	72 J	
	X12Y32	CS-X12Y32-138.5	Primary	7/30/09	100	61	0.52 J	9.4	240	0.46 J	<0.033	79	25	48	7.2	0.12	<0.1 UJ	66	1.2 J	<0.042	<0.42	100	54	
	X14Y30	CS-X14Y30-150.9	Primary	7/30/09	13 J	89 J	0.33 J	4.3	100	0.21 J	<0.032	73	19	75	5.2	0.021	<0.046	47	0.59 J	<0.041	<0.41	63	56	
	X14Y30	CS-X14Y30-150.9DUP	Duplicate	7/30/09	34 J	190 J	<0.29	5.3	110	0.24 J	<0.032	72	18	71	8.1	0.028	<0.088 UJ	44	0.4 J	<0.041	<0.41	66	55	
	X15Y28	CS-X15Y28-135.7	Primary	7/30/09	<0.94	110	0.45 J	5.9	130	0.24 J	<0.031	56	15	41	39	0.1	0.2 J	38	0.72 J	0.045 J	<0.4	58	60	
	X16Y29	CS-X16Y29-136.4	Primary	7/30/09	<0.95	91	<0.28	5	120	0.22 J	<0.031	60	16	49	14	0.11	0.14 J	40	1.1 J	0.15 J	<0.39	61	55	

Table 5-1. Confirmation Sampling Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

					Nitrate as NO3 Soluble	Sulfate as SO4 Soluble	Antimony Total	Arsenic Total	Barium Total	Beryllium Total	Cadmium Total	Chromium Total	Cobalt Total	Copper Total	Lead Total	Mercury Total	Molybdenum Total	Nickel Total	Selenium Total	Silver Total	Thallium Total	Vanadium Total	Zinc Total	
Method					E300	E300	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A	6010B	6010B	6010B	6010B	6010B	6010B	6010B	
Units					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Cleanup Goal					450	570	30	10	5,200	150	1.7	210	660	3,000	150	18	380	1,600	380	380	5	530	23,000	
Possible/Selected Nodes					Sample Name/Type/Date					MLF Confirmation Samples - Round 11 Upper Deck														
X13Y32, X13Y33, X13Y34, X13Y35, X14Y32, X14Y33, X14Y34, X14Y35, X14Y36, X14Y37, X15Y31, X15Y32, X15Y33, X15Y34, X15Y35, X15Y36, X15Y37, X15Y38, X16Y31, X16Y32, X16Y33, X16Y34, X16Y35, X16Y36, X16Y37, X16Y38, X17Y29, X17Y30, X17Y31, X17Y32, X17Y33, X17Y34, X17Y35, X17Y36, X17Y37, X17Y38, X18Y30, X18Y31, X18Y32, X18Y33, X18Y34, X18Y35, X18Y36, X18Y37, X19Y32, X19Y33, X19Y34, X19Y35, X19Y36, X20Y35	X13Y34	CS-X13Y34-151.5	Primary	8/21/09	11	83	<0.27 UJ	4.3	65 J	<0.15	<0.058	98	28	99 J	5.8	0.059	<0.2	61	<0.59	0.42 J	1.1 J	68	52	
	X14Y32	CS-X14Y32-152.5	Primary	8/21/09	79	250	<0.25	7.3	170	<0.14	<0.053	69	17	59	22	0.094	0.19 J	45	<0.54	0.43 J	0.91 J	85	74	
	X15Y37	CS-X15Y37-146.7	Primary	8/21/09	23	160	<0.25	5.7	130	<0.14	<0.053	68	15	49	21	0.15	0.26 J	49	<0.54	0.28 J	<0.62	71	52	
	X15Y33	CS-X15Y33-151.9	Primary	8/21/09	34	150	<0.24	6	120	0.14 J	<0.051	58	13	41	7.3	0.024	0.26 J	58	<0.52	<0.21	<0.6	63	48	
	X15Y35	CS-X15Y35-137.2	Primary	8/21/09	160	60	<0.24	6	77	<0.13	<0.051	50	8.1	29	6.8	0.3	0.21 J	33	<0.52	0.29 J	<0.6	61	47	
	X16Y31	CS-X16Y31-144.9	Primary	8/21/09	16	100	<0.24	5.7	150	<0.14	<0.052	63	15	40	13	0.087	<0.18	42	<0.53	0.23 J	<0.61	72	49	
	X16Y36	CS-X16Y36-136.5	Primary	8/21/09	<0.95	120	<0.24	4.6	130	<0.13	<0.051	59	12	49	23	0.09	0.28 J	37	<0.51	0.24 J	0.9 J	70	44	
	X17Y33	CS-X17Y33-146.7	Primary	8/21/09	250	99	0.84 J	<0.37	170	0.17 J	<0.054	65	18	42	130	0.13	0.56 J	43	<0.55	0.27 J	1.6 J	74	62	
	X17Y35	CS-X17Y35-135.8	Primary	8/21/09	7.9 J	180	<0.26	8.5	200	0.22 J	<0.055	70	16	52	23	0.32	<0.19	47	<0.56	0.38 J	<0.64	74	62	
	X17Y38	CS-X17Y38-142.9	Primary	8/21/09	4.5 J	140	<0.24	5.9	160	<0.13	<0.051	59	13	43	53	0.055	0.21 J	35	<0.52	<0.21	<0.6	73	55	
	X19Y32	CS-X19Y32-155.1	Primary	8/21/09	23	420	<0.24	6.9	190	0.2 J	<0.052	69	17	52	30	0.15	0.68 J	46	<0.53	0.65 J	<0.61	84	84	
	X19Y34	CS-X19Y34-138.4	Primary	8/21/09	4.8 J	120	<0.24	7.9	170	0.28 J	<0.052	59	13	37	50	0.097	0.21 J	37	<0.52	0.33 J	0.77 J	70	54	
	X19Y36	CS-X19Y36-136.4	Primary	8/21/09	5 J	65	<0.25	18	330	0.49	<0.053	51	12	35	16	0.11	0.29 J	37	<0.54	0.24 J	0.99 J	50	66	
	X19Y36	CS-X19Y36-135.4	Re-confirm.	8/25/09	---	---	---	17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X19Y36	CS-X19Y36-135.4DUP	Duplicate	8/25/09	---	---	---	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X18Y36	CS-X18Y36-136.5	Step-Out	8/25/09	---	---	---	21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X19Y35	CS-X19Y35-135.0	Step-Out	8/25/09	---	---	---	6.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X17Y36	CS-X17Y36-137.1	Step-Out	8/27/09	---	---	---	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X17Y37	CS-X17Y37-138.7	Step-Out	8/27/09	Step-out sample location is on upper bench above the horizontal plane of primary sample failure. Therefore, sample would not be representative of the same plane.																			
	X18Y36	CS-X18Y36-135.5	Re-confirm.	8/27/09	---	---	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
X18Y37	CS-X18Y37-136.0	Step-Out	8/27/09	---	---	---	4.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
X18Y35	CS-X18Y35-136.6	Step-Out	8/27/09	---	---	---	8.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Possible/Selected Nodes					Sample Name/Type/Date					Screen Plant Footprint Confirmation Samples														
X09Y23, X09Y24, X09Y25 X10Y23, X10Y24, X10Y25 X11Y23, X11Y24, X11Y25	X09Y23	CS-X9Y23-151.8	Round 1	8/21/09	94	760	<0.25	6.4	160	<0.14	0.14 J	65	15	49	36	0.16	0.24 J	41	<0.53	0.7 J	<0.61	75	86	
	X09Y24	CS-X9Y24-151.8	Round 1	8/21/09	29	380	<0.25	7.4	190	<0.14	<0.054	73	18	56	39	0.15	0.22 J	46	<0.55	0.71 J	1 J	83	78	
	X10Y24	CS-X10Y24-151.7	Round 1	8/21/09	46	370	<0.25	7.8	190	0.16 J	<0.053	68	16	52	33	0.17	0.25 J	47	<0.54	0.83 J	<0.62	79	77	
	X09Y23	CS-X9Y23-150.8	Re-confirm.	8/25/09	---	190 J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X08Y23	CS-X8Y23-150.0	Round 2	8/25/09	---	1,200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X09Y22	CS-X9Y22-151.7	Round 2	8/25/09	---	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X10Y23	CS-X10Y23-151.9	Round 2	8/25/09	---	210	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X07Y23	CS-X7Y23-149.8	Round 3	8/27/09	---	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X08Y24	CS-X8Y24-150.3	Round 3	8/27/09	---	290	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X08Y22	CS-X8Y22-151.2	Round 3	8/27/09	---	600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X07Y22	CS-X7Y22-149.9	Round 4	8/31/09	---	200	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X07Y21	CS-X7Y21-151.1	Round 4	8/31/09	---	150	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	X08Y21	CS-X8Y21-151.5	Round 4	8/31/09	---	210	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

Table 6-1. Air Action Levels for Dust Mitigation
Folsom Corp. Yard Landfill Clean Closure Certification Report

Target Parameter	Action Level	Duration
Methane	10% LEL	instantaneous
Total VOCs	3 ppmv	Instantaneous
Hydrogen Sulfide	5 ppmv	instantaneous
PM ₁₀	150 µg/m ³	15 min
Asbestos	0.1 f/cc	8 hrs
Antimony	1.5 µg/m ³	8 hrs
Arsenic	0.03 µg/m ³	8 hrs
Barium	1.4 µg/m ³	8 hrs
Cadmium	0.13 µg/m ³	8 hrs
Chromium, Total	0.2 µg/m ³	8 hrs
Cobalt	0.069 µg/m ³	8 hrs
Copper	146 µg/m ³	8 hrs
Lead	1.5 µg/m ³	8 hrs
Mercury	0.09 µg/m ³	8 hrs
Molybdenum	18 µg/m ³	8 hrs
Nickel	0.05 µg/m ³	8 hrs
Selenium	20 µg/m ³	8 hrs
Silver	18 µg/m ³	8 hrs
Thallium	0.24 µg/m ³	8 hrs
Vanadium	3.7 µg/m ³	8 hrs
Zinc	1,100 µg/m ³	8 hrs

Notes

f/cc = fiber per cubic centimeter

LEL = lower explosive limit

PM10 = particulate matter less than 10 micrometers

VOCs = volatile organic compounds

µg/m³ = micrograms per cubic meter

Table 6-2. Wind Speed Data Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Year	Month	Count	Min. (mph)	Mean (mph)	Max. (mph)
2008	March	2,204	0	2.8	14.8
	April	2,880	0	2.9	11.5
	May	2,976	0	3.5	16.5
	June	2,880	0	3.0	16.5
	July	2,976	0	2.7	8.2
	August	2,976	0	2.5	7.5
	September	2,880	0	2.0	11.2
	October	2,976	0	2.1	15.9
	November	2,880	0	1.4	8.2
	December	2,976	0	1.9	10.3
2009	January	2,976	0	1.5	9.4
	February	2,688	0	2.2	9.3
	March	2,976	0	2.6	16.2
	April	2,780	0	2.7	13.4
	May	2,976	0	2.5	9.3
	June	2,880	0	2.8	7.6
	July	2,976	0	2.7	6.9
	August	2,976	0	2.3	8.2
	September	2,880	0	1.9	11.5

Note

Monitoring started on March 9, 2008.

mph = miles per hour

Table 6-3. Temperature, Humidity, Pressure, and Precipitation Data Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Year	Month	Count	Temperature (degrees F)			Relative Humidity (percent)			Bar. Pressure (in. Hg)			Precip. (inch)
			Min.	Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	
2008	March	2,204	38	54	77	15	62	96	29.8	30.0	30.2	0.20
	April	2,880	38	58	92	13	52	96	29.6	29.9	30.1	0.04
	May	2,976	42	67	103	10	46	92	29.2	29.8	30.0	0.04
	June	2,880	50	74	103	6	39	85	29.6	29.8	29.9	0.0
	July	2,976	53	77	107	11	45	88	29.5	29.7	29.9	0.0
	August	2,976	56	77	105	10	42	86	29.4	29.7	29.9	0.0
	September	2,880	50	72	103	9	46	91	29.5	29.8	29.9	1.4
	October	2,976	44	63	95	14	54	94	29.6	29.9	30.2	0.68
	November	2,880	40	54	79	26	80	97	29.7	30.0	30.2	2.0
	December	2,976	28	44	63	34	83	99	29.5	30.0	30.3	2.9
2009	January	2,976	29	46	69	24	79	98	29.8	30.1	30.4	2.0
	February	2,688	30	50	71	24	76	97	29.4	29.9	30.2	5.4
	March	2,976	32	53	77	16	67	96	29.7	29.9	30.2	2.6
	April	2,780	35	58	95	9	57	95	29.6	29.9	30.1	1.0
	May	2,976	47	68	102	11	57	96	29.6	29.8	30.0	1.8
	June	2,880	52	71	109	7	51	92	29.5	29.7	29.9	0.39
	July	2,976	53	77	107	7	41	89	29.6	29.8	29.9	0.0
	August	2,976	53	75	105	9	44	86	29.6	29.8	29.9	0.0
	September	2,880	46	73	101	10	48	94	29.5	29.8	30.1	0.20

Notes

Monitoring started on March 9, 2008.

in. Hg = inches of mercury

Temperature, relative humidity, and barometric pressure measured from on-site meteorological station

Precipitation measured at Weather Underground Station KCAFOLSO4 at 170 Vierra Circle, Folsom CA

Table 6-4. PM₁₀ in Air Measurement Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

PM₁₀ During Pre-Construction Period (July 1 & 28, Aug. 13, 21, 28 & Oct. 10, 2008)								
Station	Units	15-min PM₁₀ Measurements				Daily 8-hr PM₁₀ Means		
		Count	Min.	Mean.	Max.	Count	Min.	Max.
AM-1	µg/m ³	199	0	13	62	6	4	22
AM-2	µg/m ³	66	0	8	16	2	2	13
AM-3	µg/m ³	163	1	10	33	5	4	19
AM-4	µg/m ³	192	1	10	56	6	3	24
AM-5	µg/m ³	95	1	6	9	3	2	8
All	µg/m ³	715	0	10	62	6	2	24

PM₁₀ During Construction Period (Oct. 13 to Dec. 12, 2008 and Mar. 18 to Sep. 1, 2009)								
Station	Units	15-min PM₁₀ Measurements				Daily 8-hr PM₁₀ Means		
		Count	Min.	Mean.	Max.	Count	Min.	Max.
AM-1	µg/m ³	2,227	2	24	145	72	5	109
AM-2	µg/m ³	881	0	16	406	28	2	41
AM-3	µg/m ³	1,071	0	22	167	35	3	87
AM-4	µg/m ³	2,217	0	21	111	69	3	61
AM-5	µg/m ³	1,057	0	15	125	34	1	78
All	µg/m ³	7,453	0	21	406	75	1	109

Table 6-5. Metals in Air Analytical Results Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

Metals Results During Pre-Construction Period (July 1 & 28, Aug. 28 & Oct. 10, 2008)												
Metal	Units	Count	Qty. of Detects	% Detects	<i>Statistics for detected results only</i>					Action Level	Qty. Over AL	Max. as % of AL
					Min.	Mean	Max.	Std. Dev.	CV			
Antimony	µg/m ³	16	4	25%	0.0176	0.035	0.0561	0.017	0.5	1.5	0	4%
Arsenic	µg/m ³	16	5	31%	0.0017	0.0086	0.0218	0.0081	0.93	0.03	0	73%
Barium	µg/m ³	16	15	94%	0.0056	0.038	0.0911	0.025	0.65	1.4	0	7%
Cadmium	µg/m ³	16	7	44%	0.0028	0.029	0.0816	0.027	0.94	0.13	0	63%
Chromium	µg/m ³	16	3	19%	0.0134	0.019	0.0285	0.0085	0.45	0.2	0	14%
Cobalt	µg/m ³	16	1	6%	0.0043	---	0.0043	---	---	0.069	0	6%
Copper	µg/m ³	16	2	13%	0.0100	0.013	0.0154	0.0038	0.3	146	0	0.01%
Lead	µg/m ³	16	12	75%	0.0114	0.023	0.0491	0.012	0.51	1.5	0	3%
Mercury	µg/m ³	16	8	50%	0.0095	0.019	0.0485	0.013	0.66	0.09	0	54%
Molybdenum	µg/m ³	16	9	56%	0.0019	0.026	0.107	0.032	1.3	18	0	0.6%
Nickel	µg/m ³	16	12	75%	0.0032	0.020	0.0442	0.013	0.63	0.05	0	88%
Selenium	µg/m ³	16	9	56%	0.0029	0.0074	0.0129	0.0035	0.48	20	0	0.1%
Silver	µg/m ³	16	3	19%	0.0453	0.055	0.0672	0.011	0.2	18	0	0.4%
Thallium	µg/m ³	16	7	44%	0.0028	0.013	0.0215	0.0071	0.56	0.24	0	9%
Vanadium	µg/m ³	16	5	31%	0.0039	0.011	0.0333	0.013	1.2	3.7	0	0.9%
Zinc	µg/m ³	16	7	44%	0.0045	0.019	0.0385	0.014	0.71	1,100	0	0.004%

Metals Results During Construction Period (Oct. 13 to Dec. 8, 2008 and Mar. 18 to Aug. 18, 2009)												
Metal	Units	Count	Qty. of Detects	% Detects	<i>Statistics for detected results only</i>					Action Level	Qty. Over AL	Max. as % of AL
					Min.	Mean	Max.	Std. Dev.	CV			
Antimony	µg/m ³	161	85	53%	0.0034	0.095	0.3774	0.080	0.84	1.5	0	25%
Arsenic	µg/m ³	161	12	7%	0.0014	0.013	0.029	0.010	0.75	0.03	0	97%
Barium	µg/m ³	161	97	60%	0.0019	0.030	0.1286	0.022	0.73	1.4	0	9%
Cadmium	µg/m ³	161	83	52%	0.0016	0.055	0.2656	0.048	0.89	0.13	5	204%
Chromium	µg/m ³	161	109	68%	0.0005	0.010	0.0738	0.0086	0.87	0.2	0	37%
Cobalt	µg/m ³	161	50	31%	0.0014	0.034	0.0883	0.021	0.63	0.069	3	128%
Copper	µg/m ³	161	66	41%	0.0016	0.029	0.150	0.026	0.90	146	0	0.1%
Lead	µg/m ³	161	106	66%	0.0014	0.023	0.0994	0.018	0.78	1.5	0	7%
Mercury	µg/m ³	161	58	36%	0.0013	0.017	0.0484	0.013	0.75	0.09	0	54%
Molibdenum	µg/m ³	161	67	42%	0.0030	0.019	0.060	0.012	0.63	18	0	0.3%
Nickel	µg/m ³	161	50	31%	0.0011	0.020	0.0638	0.016	0.82	0.05	2	128%
Selenium	µg/m ³	161	82	51%	0.0004	0.0089	0.0305	0.0061	0.69	20	0	0.2%
Silver	µg/m ³	161	86	53%	0.0031	0.052	0.1407	0.039	0.75	18	0	0.8%
Thallium	µg/m ³	161	96	60%	0.0005	0.022	0.080	0.018	0.82	0.24	0	34%
Vanadium	µg/m ³	161	81	50%	0.0012	0.0074	0.0235	0.0048	0.65	3.7	0	0.6%
Zinc	µg/m ³	161	123	76%	0.0015	0.027	0.1727	0.025	0.92	1,100	0	0.02%

Notes

CV = std. dev. / mean

µg/m³ = micrograms per cubic meter

Table 7-1. Soil Data Quality Review Summary
Folsom Corp. Yard Landfill Clean Closure Certification Report

			Number of Results				Completeness	
Parameter	Samples Analyzed (N+FD)	Analytes per Sample	Total	Rejected	Estimated due to QC Deficiencies	Estimated due to >MDL but <PQL	Percent Usable	Percent Quantitative*
Asbestos	131+6	1	137	0	0	0	100%	100%
Moisture	260+12	1	272	0	2	0	100%	99.3%
pH	128+6	1	134	0	0	0	100%	100%
Nitrate/Sulfate	233+11	1-2	468	0	32	61	100%	93.2%
Specific conductance	130+6	1	136	0	2	0	100%	98.5%
Metals	240+12	1-17	3,632	0	222	753	100%	93.9%
Mercury	213+11	1	224	0	3	10	100%	98.7%
DRO/MRO	131+6	2	284	0	22	31	100%	92.3%
VOCs/GRO	131+6	65-67	9,177	0	361	113	100%	96.1%
SVOCs	116+6	15-59	6,949	0	50	487	100%	99.3%
PCBs	117+6	7	861	0	4	13	100%	99.5%
Pesticides	34+5	22-28	1,061	9	3	1	99.2%	98.9%
Herbicides	34+5	10-11	423	1	45	17	99.8%	89.1%
Totals:			23,758	10	746	1,486	99.96%	96.8%

Notes

* Estimations due solely to results <PQL do not affect the calculated completeness

Calculations do not include any required field or laboratory QC samples, except field duplicates.

N = normal environmental samples FD = field duplicate samples

GRO = gasoline range organics DRO = diesel range organics MRO = motor oil range organics

VOCs = volatile organic compounds SVOCs = semi-volatile organic compounds

PCBs = polychlorinated biphenyls

MDL = method detection limit PQL = practical quantitation limit

Table 7-2. Air Data Quality Review Summary
Folsom Corp. Yard Landfill Certification Report

Field Blank Contamination (µg/filter)								
Metal	Count	Qty. Detects	% Detects	Statistics for detected results only				
				Min.	Mean	Max.	Std. Dev.	CV
Antimony	13	10	77%	0.0096	0.054	0.1415	0.040	0.75
Arsenic	13	4	31%	0.0056	0.013	0.024	0.0091	0.70
Barium	13	9	69%	0.0008	0.022	0.056	0.016	0.72
Cadmium	13	6	46%	0.0032	0.017	0.048	0.017	0.98
Chromium	13	6	46%	0.0008	0.0027	0.0056	0.0019	0.70
Cobalt	13	5	38%	0.0080	0.019	0.035	0.012	0.63
Copper	13	3	23%	0.0032	0.011	0.023	0.011	0.95
Lead	13	5	38%	0.0016	0.0091	0.021	0.0071	0.78
Mercury	13	5	38%	0.0016	0.010	0.027	0.010	1.1
Molibdenum	13	6	46%	0.0040	0.0083	0.019	0.0057	0.68
Nickel	13	7	54%	0.0008	0.012	0.027	0.012	0.94
Selenium	13	8	62%	0.0008	0.0031	0.0072	0.0024	0.77
Silver	13	5	38%	0.0008	0.0082	0.016	0.0058	0.71
Thallium	13	5	38%	0.0024	0.0089	0.014	0.0050	0.57
Vanadium	13	5	38%	0.0016	0.0042	0.011	0.0036	0.86
Zinc	13	7	54%	0.0008	0.0091	0.020	0.0058	0.64

Lab Blank Contamination (µg/filter)								
Metal	Count	Qty. Detects	% Detects	Statistics for detected results only				
				Min.	Mean	Max.	Std. Dev.	CV
Antimony	2	0	0%	---	---	---	---	---
Arsenic	2	0	0%	---	---	---	---	---
Barium	2	2	100%	0.0088	0.011	0.014	0.0035	0.31
Cadmium	2	2	100%	0.0048	0.011	0.017	0.0086	0.79
Chromium	2	1	50%	0.0016	---	0.0016	---	---
Cobalt	2	1	50%	0.0056	---	0.0056	---	---
Copper	2	0	0%	---	---	---	---	---
Lead	2	2	100%	0.0064	0.009	0.012	0.0040	0.44
Mercury	2	1	50%	0.0064	---	0.0064	---	---
Molibdenum	2	1	50%	0.020	---	0.020	---	---
Nickel	2	1	50%	0.0032	---	0.0032	---	---
Selenium	2	2	100%	0.0008	0.0012	0.0016	0.00057	0.47
Silver	2	1	50%	0.024	---	0.024	---	---
Thallium	2	0	0%	---	---	---	---	---
Vanadium	2	1	50%	0.001	---	0.001	---	---
Zinc	2	0	0%	---	---	---	---	---