



0 30 60 90 120'
SCALE 1"=60' AT ORIGINAL SIZE



GSP Holdings, Inc.
Celi Drive BCP Site (BCP Site #C734108)
AOC-4 Swale Excavation
Post-Excavation Sample Locations

Job Number 37-11082
Revision A
Date 05.13.2014

Figure 1



Table 1 - (Page 1 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION								
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-1A			SW-1B			SW-1C		
Sample Date				5/6/2014			5/6/2014			5/6/2014		
Metals by EPA Method 6010C										D.L. R.L.		
Chromium, Total	30	1,500	41	22			14			8.9		
Copper, Total	50	270	50	49			18			17		
Nickel, Total	30	310	30	24			13			8.9		
Cyanide by EPA Method 9010C										D.L. R.L.		
Cyanide, Total	27	27	NS	U	0.27	1.2	U	0.28	1.2	U	0.24	1
Chromium by EPA Method 7196A										U 0.18 0.88		
Chromium, Hexavalent	1	400	1	U	0.2	0.99	U	0.20	0.99	U	0.18	0.88

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

U - Analyzed for but not detected above the laboratory reporting limit

J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

NS - Not Specified

Bold and thick outlined cell indicates analyte exceeds the Unrestricted Use Soil Cleanup Objective

Bold, thick outlined, and shaded cell indicates analyte exceeds the Protection of Ecological Resources and the Unrestricted Use Soil Cleanup Objectives



Table 1 - (Page 2 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION								
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-2A			SW-2B		SW-2C			
Sample Date				5/6/2014			5/6/2014		5/6/2014			
Metals by EPA Method 6010C												
Chromium, Total	30	1,500	41	18	D.L.	R.L.	410	D.L.	730	D.L.	R.L.	
Copper, Total	50	270	50	39			1,400 *		1,200 *			
Nickel, Total	30	310	30	20			570 *		590 *			
Cyanide by EPA Method 9010C												
Cyanide, Total	27	27	NS	0.42	J	0.28	1.2	2.0	2.3			
Chromium by EPA Method 7196A												
Chromium, Hexavalent	1	400	1	U	0.2	1	U	0.34	1.7	U	0.36	1.8

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

NS - Not Specified

Bold and thick outlined cell indicates analyte exceeds the Unrestricted Use Soil Cleanup Objective

Bold, thick outlined, and shaded cell indicates analyte exceeds the Protection of Ecological Resources and the Unrestricted Use Soil Cleanup Objectives

Bold, thick outlined, shaded, and asterisk cell indicates analyte exceeds the Protection of Ecological Resources, the Unrestricted Use, and the Commercial Use Soil Cleanup Objectives



Table 1 - (Page 3 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION						
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-3A			SW-3B		SW-3C	
Sample Date				5/7/2014			5/7/2014		5/7/2014	
Metals by EPA Method 6010C					D.L.	R.L.	D.L.	R.L.	D.L.	R.L.
Chromium, Total	30	1,500	41	12			130		5.6	
Copper, Total	50	270	50	130			140		13	
Nickel, Total	30	310	30	31			51		7.8	
Cyanide by EPA Method 9010C					U	0.7	3	2.1		
Cyanide, Total	27	27	NS		U	2.4	12		U	0.49
Chromium by EPA Method 7196A							U	0.33	1.6	2.1
Chromium, Hexavalent	1	400	1				U	0.18	0.89	

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

NS - Not Specified

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Table 1 - (Page 4 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION								
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-4A			SW-4B			SW-4C		
Sample Date				5/7/2014			5/7/2014			5/7/2014		
Metals by EPA Method 6010C												
Chromium, Total	30	1,500	41	14	D.L.	R.L.	34	D.L.	R.L.	9.7		
Copper, Total	50	270	50	21			42			24		
Nickel, Total	30	310	30	22			28			16		
Cyanide by EPA Method 9010C												
Cyanide, Total	27	27	NS	U	0.54	2.3	U	0.31	1.3	U	0.26	1.1
Chromium by EPA Method 7196A												
Chromium, Hexavalent	1	400	1	U	0.2	0.98	U	0.22	1.1	U	0.18	0.89

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

U - Analyzed for but not detected above the laboratory reporting limit

J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

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Table 1 - (Page 5 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION					
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-5A			SW-5B		
Sample Date				5/7/2014			5/7/2014		
Metals by EPA Method 6010C									
Chromium, Total	30	1,500	41	30	D.L.	R.L.	23	D.L.	R.L.
Copper, Total	50	270	50	100			30		24
Nickel, Total	30	310	30	81			25		21
Cyanide by EPA Method 9010C									
Cyanide, Total	27	27	NS	U	0.32	1.4	U	0.35	1.5
Chromium by EPA Method 7196A									
Chromium, Hexavalent	1	400	1	U	0.24	1.2	U	0.24	1.2
				U	0.21	1	U	0.29	1.2

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

U - Analyzed for but not detected above the laboratory reporting limit

J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

NS - Not Specified

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Table 1 - (Page 6 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION								
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-6A			SW-6B			SW-6C		
Sample Date				5/7/2014			5/7/2014			5/7/2014		
Metals by EPA Method 6010C												
Chromium, Total	30	1,500	41	31	D.L.	R.L.	23	D.L.	R.L.	12		
Copper, Total	50	270	50	73			22			33		
Nickel, Total	30	310	30	120			27			27		
Cyanide by EPA Method 9010C												
Cyanide, Total	27	27	NS	U	0.32	1.3	U	0.35	1.5	U	0.24	
Chromium by EPA Method 7196A												
Chromium, Hexavalent	1	400	1	U	0.23	1.1	U	0.26	1.3	U	0.18	
											0.9	

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

U - Analyzed for but not detected above the laboratory reporting limit

J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

NS - Not Specified

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Table 1 - (Page 7 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION										
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-7A			SW-7B			SW-7C				
Sample Date				5/8/2014			5/8/2014			5/8/2014				
Metals by EPA Method 6010C														
Chromium, Total	30	1,500	41	36	D.L.	R.L.	19	D.L.	R.L.	100				
Copper, Total	50	270	50	46			21			210				
Nickel, Total	30	310	30	44			20			93				
Cyanide by EPA Method 9010C														
Cyanide, Total	27	27	NS	U	0.28	1.2	U	0.28	1.2	U	0.58	2.5		
Chromium by EPA Method 7196A														
Chromium, Hexavalent	1	400	1	0.38	J	0.2	1	0.26	J	0.2	1	U	0.41	2.1

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

U - Analyzed for but not detected above the laboratory reporting limit

J - Estimated value

DL - Laboratory Detection Limit

D.L. - Laboratory Detection Limit

R.L. - Laboratory R

NS - Not Specified

Bold and thick outlined cell indicates analyte exceeds the Unrestricted Use Soil Cleanup Objective



Table 1 - (Page 8 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION										
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-8A			SW-8B			SW-8C				
Sample Date				5/8/2014			5/8/2014			5/8/2014				
Metals by EPA Method 6010C														
Chromium, Total	30	1,500	41	14	D.L.	R.L.	5.9	D.L.	R.L.	16				
Copper, Total	50	270	50	18			11			110				
Nickel, Total	30	310	30	17			8.0	J	2.1	13	23			
Cyanide by EPA Method 9010C														
Cyanide, Total	27	27	NS	U	0.28	1.2	U	0.3	1.3	U	0.66	2.8		
Chromium by EPA Method 7196A														
Chromium, Hexavalent	1	400	1	0.31	J	0.2	1	0.28	J	0.22	1.1	U	0.47	2.4

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

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Table 1 - (Page 9 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION		
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-9A	SW-9B	SW-9C
Sample Date						
Metals by EPA Method 6010C						
Chromium, Total	30	1,500	41	D.L.	R.L.	D.L.
Copper, Total	50	270	50		R.L.	
Nickel, Total	30	310	30			D.L. R.L.
Cyanide by EPA Method 9010C						
Cyanide, Total	27	27	NS			
Chromium by EPA Method 7196A						
Chromium, Hexavalent	1	400	1			

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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Table 1 - (Page 10 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION								
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-10A			SW-10B			SW-10C		
Sample Date												
Metals by EPA Method 6010C												
Chromium, Total	30	1,500	41		11	D.L.	R.L.	18	D.L.	R.L.	24	D.L.
Copper, Total	50	270	50		66			36			82	R.L.
Nickel, Total	30	310	30		17			18			50	
Cyanide by EPA Method 9010C												
Cyanide, Total	27	27	NS		U	0.59	2.5	0.47	J	0.37	1.6	U
Chromium by EPA Method 7196A												
Chromium, Hexavalent	1	400	1	0.92	J	0.42	2.1	0.42	J	0.27	1.3	U
All values reported as mg/kg (parts per million)												
Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)												
U - Analyzed for but not detected above the laboratory reporting limit												
J - Estimated value												
D.L. - Laboratory Detection Limit												
R.L. - Laboratory Reporting Limit												
NS - Not Specified												
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Bold, thick outlined, and shaded cell indicates analyte exceeds the Protection of Ecological Resources and the Unrestricted Use Soil Cleanup Objectives												

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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J - Estimated value

D.L. - Laboratory Detection Limit

R.L. - Laboratory Reporting Limit

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Table 1 - (Page 11 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION											
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	SW-11A			SW-11B			SW-11C					
Sample Date															
Metals by EPA Method 6010C															
Chromium, Total	30	1,500	41	18	D.L.	R.L.	40	D.L.	R.L.	18	D.L.	R.L.			
Copper, Total	50	270	50	110			96			19					
Nickel, Total	30	310	30	230			35			20					
Cyanide by EPA Method 9010C															
Cyanide, Total	27	27	NS	0.54	J	0.47	2	1.4	J	0.4	1.7	U	0.27	1.2	
Chromium by EPA Method 7196A															
Chromium, Hexavalent	1	400	1	0.76	J	0.34	1.7	0.77	J	0.3	1.5	0.46	J	0.2	1

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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D.L. - Laboratory Detection Limit

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Table 1 - (Page 12 of 12): Summary of Post-Excavation Soil Sample Laboratory Analytical Results. Celi Drive BCP Site (BCP Site #C734108). Syracuse, NY.

ANALYTE (mg/kg)	SOIL CLEANUP OBJECTIVES			SAMPLE IDENTIFICATION		
	UNRESTRICTED USE	COMMERCIAL USE	PROTECTION OF ECOLOGICAL RESOURCES	DUP-1 (SW-8B)		
Sample Date				5/8/2014		
Metals by EPA Method 6010C						
Chromium, Total	30	1,500	41	4.5	D.L. R.L.	
Copper, Total	50	270	50	7.7		
Nickel, Total	30	310	30	5.6		
Cyanide by EPA Method 9010C						
Cyanide, Total	27	27	NS	U 0.28 1.2		
Chromium by EPA Method 7196A						
Chromium, Hexavalent	1	400	1	0.31 J 0.2 0.98		

All values reported as mg/kg (parts per million)

Soil Cleanup Objectives from 6 NYCRR Part 375-6.8(b) (December 2006) and Supplemental Soil Cleanup Objectives (October 2010)

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