

FIGURES

FIGURE 1
PROJECT SITE MAP



HUDSON RIVER

SUBJECT PARCEL
TAX ID# 5955-02-791875

BROWNFIELD SITE
BOUNDARY

SUBJECT PARCEL
TAX ID# 5955-02-798930

BROCKWAY ROAD

LEGEND:

----- APPROXIMATE PROPERTY BOUNDARY



1 inch = 300 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2013

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Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

PROJECT SITE MAP
NYSDEC SITE NUMBER: 3-14-083
CHELSEA WATERFRONT DEVELOPMENT LLC
CIRCLE M WOOD TREATMENT SITE

TOWN OF FISHKILL

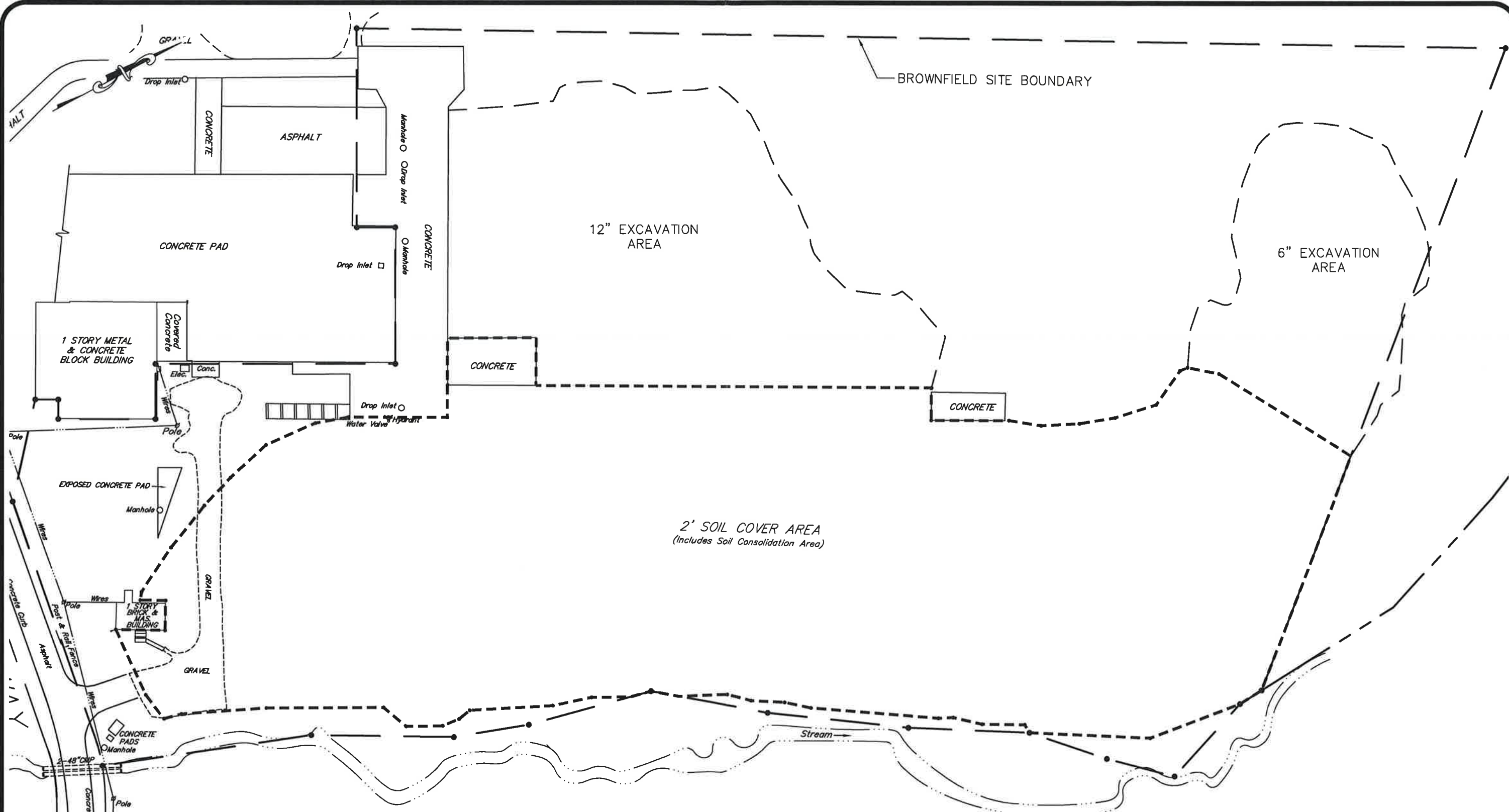
DUTCHESS CO., N.Y.

PROJ. No.: 21044 | DATE: 11/5/14 | SCALE: 1" = 300' | DWG. NO. 21044051 | FIGURE 1

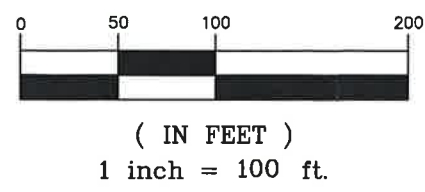
FIGURE 2

**AREAS WHERE EXCAVATIONS WERE PERFORMED AND
CONSOLIDATION AREA**

S:\Drawings\21044 - Circle M\21044052 Excavation-ConsolidationPlan.dwg 11/10/2014 5:31 PM



- LEGEND:**
- PROTECTIVE COVER
 - - - LIMITS OF EXCAVATION
 - BROWNFIELD SITE BOUNDARY
 - - - PROPERTY LINE
 - STREAM



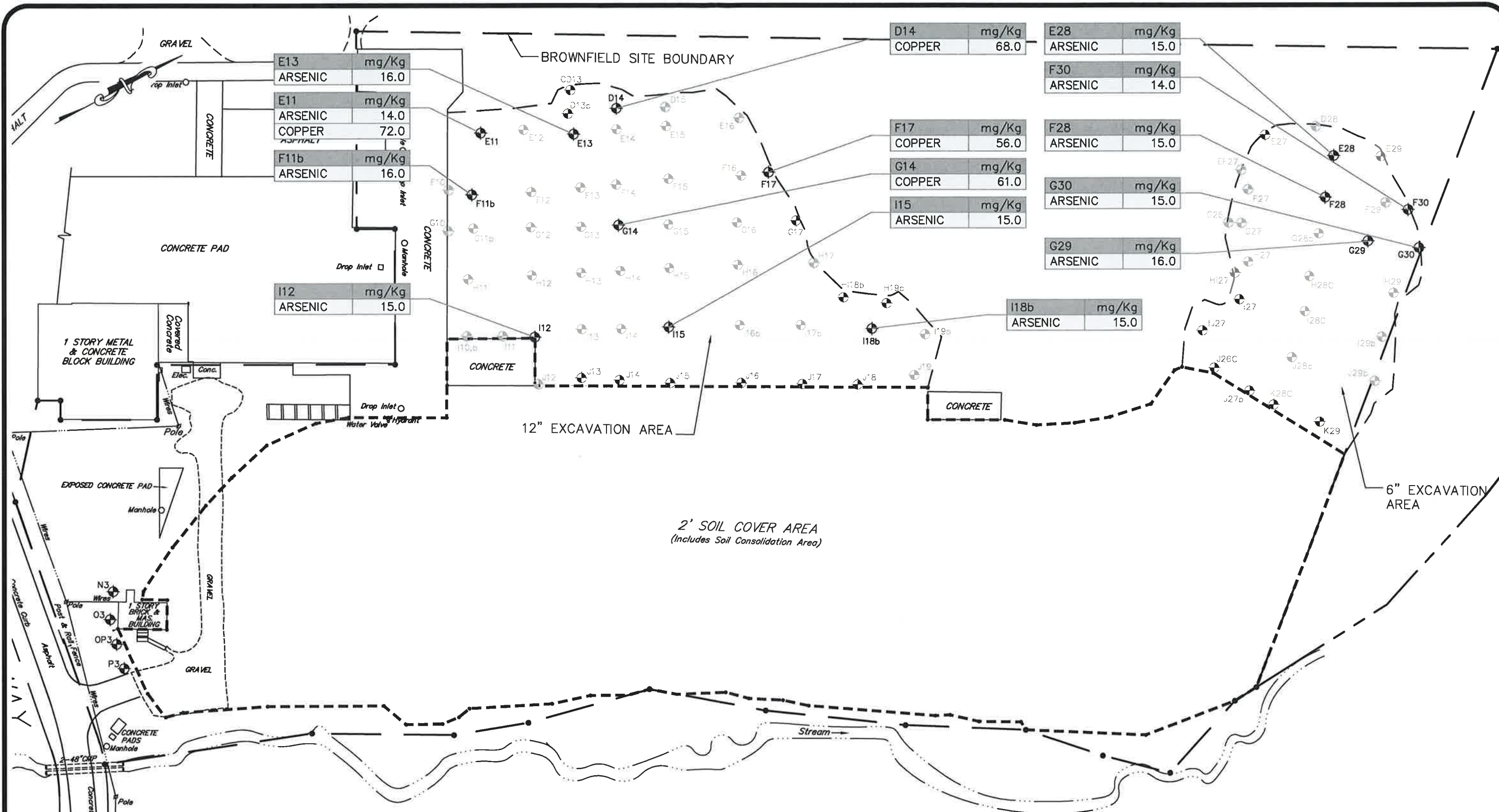
DRAWING REFERENCE:
 1. BASE MAP FROM DRAWING ENTITLED "AS-BUILT SURVEY OF ENVIRONMENTAL EASEMENT," BY BADEY & WATSON SURVEYING AND ENGINEERING, P.C., OCTOBER 10, 2014.

<h1 style="margin: 0;">STERLING</h1> <p style="margin: 0;">Sterling Environmental Engineering, P.C. 24 Wade Road • Latham, New York 12110</p>		<p style="margin: 0;">EXCAVATION AND CONSOLIDATION AREAS NYSDEC SITE NUMBER: 3-14-083 CHELSEA WATERFRONT DEVELOPMENT LLC CIRCLE M WOOD TREATMENT SITE</p> <p style="margin: 0;">TOWN OF FISHKILL DUTCHESS CO., N.Y.</p>	
PROJ. No.: 21044	DATE: 11/5/14	SCALE: 1" = 100'	DWG. NO. 21044052 FIGURE 2

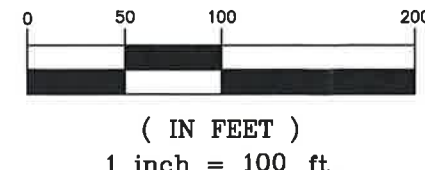
FIGURE 3
SOIL SAMPLE LOCATIONS

FIGURE 4

EXCEEDANCES OF UNRESTRICTED SCOs (AFTER REMEDY)



- LEGEND:**
- D13 SOIL SAMPLE LOCATION
 - PROTECTIVE COVER
 - LIMITS OF EXCAVATION
 - BROWNFIELD SITE BOUNDARY
 - PROPERTY LINE
 - STREAM



DRAWING REFERENCE:
1. BASE MAP FROM DRAWING ENTITLED "AS-BUILT SURVEY OF ENVIRONMENTAL EASEMENT," BY BADEY & WATSON SURVEYING AND ENGINEERING, P.C., OCTOBER 10, 2014.

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EXCEEDANCES OF UNRESTRICTED SCOs (AFTER REMEDY)
NYSDEC SITE NUMBER: 3-14-083
CHelsea WATERFRONT DEVELOPMENT LLC
CIRCLE M WOOD TREATMENT SITE
TOWN OF FISHKILL DUTCHESS CO., N.Y.

PROJ. No.: 21044

DATE: 11/5/14

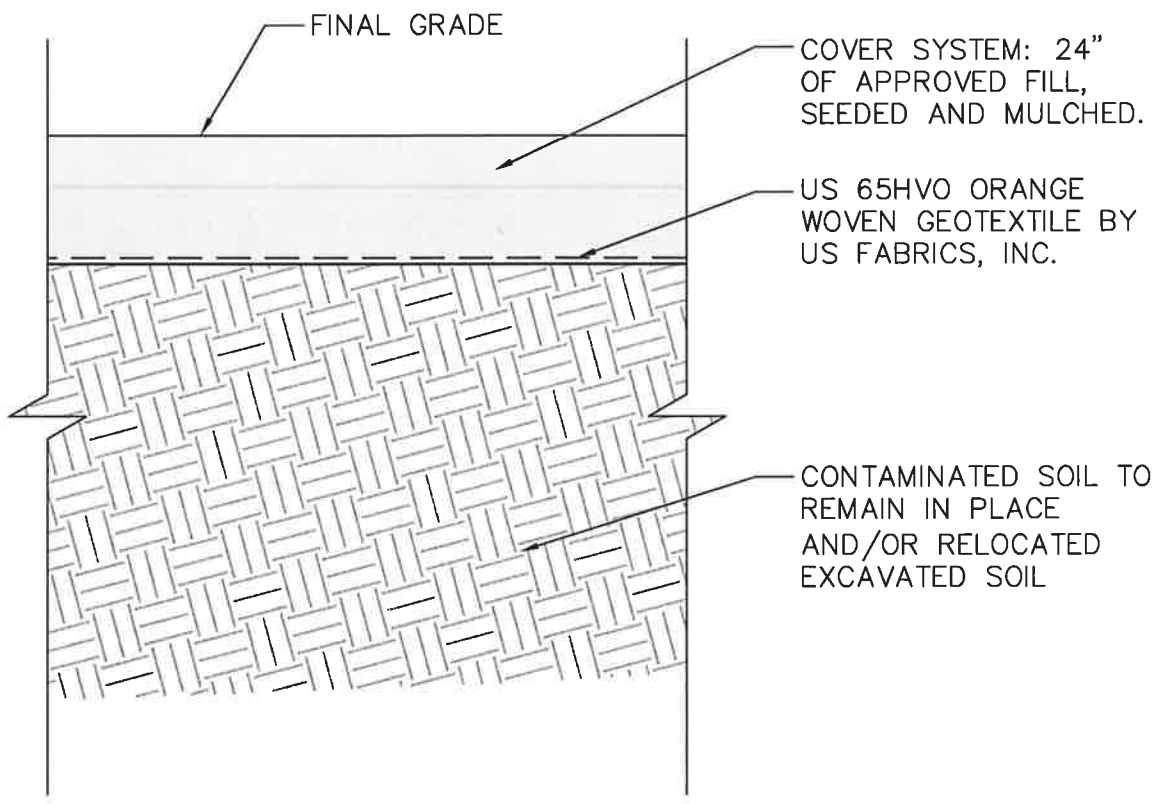
SCALE: 1" = 100'

DWG. NO. 21044054

FIGURE 4

S:\Drawings\21044 - Circle M\21044054_ Exceedances.dwg 11/10/2014 6:13 PM

FIGURE 5
TYPICAL SOIL COVER DETAIL



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TYPICAL 2 FOOT SOIL COVER DETAIL
 CHELSEA WATERFRONT DEVELOPMENT LLC
 CIRCLE M WOOD TREATMENT SITE

TOWN OF FISHKILL

DUTCHESS CO., N.Y.

TABLES

TABLE 1

**PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES
(SCOs) FOR THE SITE**

TABLE 1
SOIL CLEANUP OBJECTIVES
SITE #3-14-083
FORMER CIRCLE M WOOD TREATMENT SITE

Parameter	Soil Cleanup Objectives ⁽¹⁾ (ppm)
Metals (for composite soil samples):	
Arsenic	16
Barium	400
Beryllium	72
Cadmium	4.3
Chromium (hexavalent)	110
Chromium (trivalent)	180
Copper	270
Total Cyanide	27
Lead	400
Manganese	2,000
Mercury	0.81
Nickel	310
Selenium	180
Silver	180
Zinc	10,000

⁽¹⁾ As provided in 6 NYCRR Part 375-6.8(b) – Restricted Residential Use, Protection of Health.

Parameter	Soil Cleanup Objectives ⁽¹⁾ (ppm)
PCBs/Pesticides (for composite soil samples):	
2,4,5-TP Acid (Silvex)	100
4,4'-DDE	8.9
4,4'-DDT	7.9
4,4'-DDD	13
Aldrin	0.097
alpha-BHC	0.48
beta-BHC	0.36
Chlordane (alpha)	4.2
delta-BHC	100
Dibenzofuran	59
Dieldrin	0.2
Endosulfan I	24
Endosulfan II	24
Endosulfan sulfate	24
Endrin	11
Heptachlor	2.1
Lindane	1.3
Polychlorinated biphenyls	1

⁽¹⁾ As provided in 6 NYCRR Part 375-6.8(b) – Restricted Residential Use, Protection of Health.

Parameter	Soil Cleanup Objectives ⁽¹⁾ (ppm)
SVOCs (for composite soil samples):	
Acenaphthene	100
Acenaphthylene	100
Anthracene	100
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Benzo(g,h,i)perylene	100
Benzo(k)fluoranthene	3.9
Chrysene	3.9
Dibenz(a,h)anthracene	0.33
Fluoranthene	100
Fluorene	100
Indeno(1,2,3-cd)pyrene	0.5
m-Cresol	100
Naphthalene	100
o-Cresol	100
p-Cresol	100
Pentachlorophenol	6.7
Phenanthrene	100
Phenol	100
Pyrene	100

⁽¹⁾ As provided in 6 NYCRR Part 375-6.8(b) – Restricted Residential Use, Protection of Health.

Parameter	Soil Cleanup Objectives ⁽¹⁾ (ppm)
VOCs (grab soil samples only):	
1,1,1-Trichloroethane	100
1,1-Dichloroethane	26
1,1-Dichloroethene	100
1,2-Dichlorobenzene	100
1,2-Dichloroethane	3.1
cis-1,2-Dichloroethene	100
trans-1,2-Dichloroethene	100
1,3-Dichlorobenzene	49
1,4-Dichlorobenzene	13
1,4-Dioxane	13
Acetone	100
Benzene	4.8
Butylbenzene	100
Carbon tetrachloride	2.4
Chlorobenzene	100
Chloroform	49
Ethylbenzene	41
Hexachlorobenzene	1.2
Methyl ethyl ketone	100
Methyl tert-butyl ether	100
Methylene chloride	100
n-Propylbenzene	100
sec-Butylbenzene	100

⁽¹⁾ As provided in 6 NYCRR Part 375-6.8(b) – Restricted Residential Use, Protection of Health.

Parameter	Soil Cleanup Objectives ⁽¹⁾ (ppm)
VOCs (grab soil samples only):	
tert-Butylbenzene	100
Tetrachloroethene	19
Toluene	100
Trichloroethene	21
1,2,4-Trimethylbenzene	52
1,3,5-Trimethylbenzene	52
Vinyl chloride	0.9
Xylene (mixed)	100

21044/Circle M/Reports/FER/Table 1 – Soil Cleanup Objectives

⁽¹⁾ As provided in 6 NYCRR Part 375-6.8(b) – Restricted Residential Use, Protection of Health.

TABLE 2
STOCKPILE TEST RESULTS - VOCs

TABLE 2
Circle M
Stockpile Test Results - VOCs
April 22 - 23, 2014

Parameter	CAS#	Restricted-Residential (ppm)	SP-1A (ppm)	SP-2A (ppm)	SP-3A (ppm)	SP-4A (ppm)	SP-5A (ppm)	SP-6A (ppm)	SP-7A (ppm)	SP-8A (ppm)	SP-9A (ppm)	SP-10A (ppm)	SP-11A (ppm)	SP-12A (ppm)	SP-13A (ppm)	SP-14A (ppm)	SP-15A (ppm)	SP-16A (ppm)	SP-17A (ppm)
Volatile Organic Compounds:																			
1,1,1-Trichloroethane	71-55-6	0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis -1,2-Dichloroethene	156-59-2	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	0.05	ND	0.0093 J	0.0088 J	ND	0.021	0.018 J	0.091	0.0067 J	0.027	ND	ND	0.032	ND	ND	0.028	0.062	0.031
Benzene	71-43-2	0.06	ND	ND	ND	ND	ND	0.0012 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104-51-8	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	0.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	1	0.0019 J	ND	ND	ND	ND	0.0038 J	0.0048 J	0.0036 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene*	118-74-1	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	78-93-3	0.12	ND	ND	ND	0.014 J	ND	ND	ND	ND	0.0046 J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n - Propylbenzene	103-65-1	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135-98-8	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	98-06-6	5.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	108-88-3	0.7	0.00042 J	ND	ND	ND	ND	0.00061 J	0.00049 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	108-67-8	8.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (mixed)	1330-20-7	1.6	0.015	ND	ND	ND	ND	0.0012 J	0.0017 J	0.0014 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

*See Semivolatile Organic Compounds

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

B - Compound was found in the blank and sample.

Values in **BOLD** exceed Restricted Residential SCOs.

ND = Not detected.

TABLE 2
Circle M
Stockpile Test Results - VOCs
April 22 - 23, 2014

SP-40A (ppm)	SP-41A (ppm)	SP-42A (ppm)	SP-43A (ppm)	SP-44A (ppm)	SP-45A (ppm)	SP-46A (ppm)	SP-47A (ppm)	SP-48A (ppm)	SP-49A (ppm)	SP-50A DUP2 (ppm)	SP-51A (ppm)	SP-52A (ppm)	SP-53A DUP3 (ppm)	SP-54A (ppm)	SP-55A (ppm)	SP-56A (ppm)	SP-57A (ppm)	SP-58A (ppm)	SP-59A (ppm)	SP-60A DUP4 (ppm)	SP-61A (ppm)
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.048	0.0077 J	0.031	0.0089 J	0.018 J	0.0084 J	0.0068 J	0.0069 J	ND	0.015 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.0081 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3

STOCKPILE TEST RESULTS – METALS, PCBs, PESTICIDES, SVOCs

TABLE 3
Circle M
Stockpile Test Results - Metals, PCBs, Pesticides, SVOCs
April 22-23, 2014

Parameter	CAS#	Restricted-Residential (ppm)	SP-1B (ppm)	SP-2B (ppm)	SP-3B (ppm)	SP-4B (ppm)	SP-5B (ppm)	SP-6B (ppm)	SP-7B (ppm)	SP-8B (ppm)	SP-9B (ppm)	SP-10B (ppm)	SP-11B (ppm)	SP-12B (ppm)	SP-13B (ppm)	SP-14B (ppm)
Metals:																
Arsenic	7440-38-2	16	7.6	7.1 J	5.2 J	5.9	4.3 J	5.1 J	5.9 J	5.8 J	6.6	5.1 J	4.4 J	5.7 J	6.4	6.7 J
Barium	7440-39-3	400	86.4 J	103 J	68.1 J	67.5 J	68.8 J	58.1 J	72.8 J	90.3 J	69.6 J	60.2 J	49.3 J	85.7 J	79.3 J	87.3 J
Beryllium	7440-41-7	47	0.70	0.81	0.53	0.56	0.57 J	0.46	0.61 J	0.71 J	0.61	0.58 J	0.42	0.69 J	0.64	0.70 J
Cadmium	7440-43-9	4.3	0.25	0.25 J	0.18 J	0.20	0.23 J	0.18 J	0.19 J	0.22 J	0.21	0.19 J	0.16 J	0.20 J	0.23	0.28 J
Chromium, hexavalent	18540-29-9	19	ND	0.91	ND	0.28 J	0.59 J	ND	ND	ND	ND	ND	0.55 J	ND	ND	ND
Chromium, trivalent	16065-83-1	180	18.1	19.9 J	15.4 J	13.8	15.3 J	13.0 J	14.4 J	15.3 J	16.2	16.1 J	11.1 J	15.3 J	19	19.4 J
Copper	7440-50-8	270	26.7	25.7	20.8	23.4	21.6	19.5	23.6	22.1	24	20.7	16.7	22.2	25.4	25.0
Total Cyanide	---	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	7439-92-1	400	16.9	12.8	12.6	14.5	12.5	12.2	13.0	16.1	15.1	11.3	10.3	12.5	14.9	13.1
Manganese	7439-96-5	2,000	755 J	700 J	527 J	598 J	568 J	531 J	819 J	784 J	800 J	496 J	423 J	515 J	664 J	669 J
Total Mercury	---	0.73	0.033 J	0.089	0.090	0.011 J	0.069	0.016 J	ND	0.016 J	0.017 J	0.023 J	0.014 J	0.010 J	0.024 J	0.023 J
Nickel	7440-02-0	130	30.9 J	28.9 J	21.9 J	21.4 J	24.1 J	20.3 J	20.9 J	25.9 J	28 J	23.6 J	16.8 J	22.5 J	29.3 J	28.8 J
Selenium	7782-49-2	4	ND	0.95 J	0.62 J	ND	1.0 J	0.65 J	0.70 J	0.80 J	ND	0.93 J	ND	ND	ND	ND
Silver	7440-22-4	8.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	7440-66-6	2,480	71.2 B J	75.0 B J	56.3 B J	55.8 B J	62.8 B J	50.7 B J	55.3 B J	57.7 B J	62.9 B J	60.6 B J	48.0 B J	58.5 B J	70.4 B J	73.2 B J
PCBs/Pesticides:																
2,4,5-TP Acid (Silvex)	93-72-1	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	72-55-9	8.9	ND	0.00094 J	0.00064 J	ND	0.001 J	0.0009 J	0.0009 J	0.00099 J	ND	0.00057 J	0.0006 J	0.00055 J	ND	0.00056 J
4,4'-DDT	50-29-3	7.9	ND	0.00096 J	0.00063 J	ND	0.00072 J	0.0012 J	0.00069 J	0.0011 J	0.0049 J	ND	0.00054 J	ND	ND	0.00061 J
4,4'-DDD	72-54-8	13	ND	0.00099 J	0.00056 J	0.0014 J	0.0014 J	0.00098 J	0.00065 J	0.0017 J	0.0040 J	ND	ND	ND	ND	ND
Aldrin	309-00-2	0.097	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	319-84-6	0.02	ND	ND	ND	0.00038 J	ND	ND	ND	ND	0.0039 J	ND	ND	ND	0.00063 J	ND
beta-BHC	319-85-7	0.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane (alpha)	5103-71-9	2.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	319-86-8	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	59	ND	0.0031 J	ND	ND	ND	ND	0.0051 J	0.0032 J	ND	ND	ND	ND	ND	ND
Dieldrin	60-57-1	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	959-98-8	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	33213-65-9	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00042 J	ND
Endosulfan sulfate	1031-07-8	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	72-20-8	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	76-44-8	0.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lindane (gamma-BHC)	58-89-9	0.1	ND	0.00051 J	ND	ND	ND	ND	0.00057 J	0.00059 J	ND	ND	ND	ND	ND	ND
Polychlorinated biphenyls	1336-36-3	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds:																
Acenaphthene	83-32-9	98	ND	0.006 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	208-96-8	100	ND	0.038 J	ND	ND	0.017 J	ND	0.0032 J	0.0051 J	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	100	ND	0.052 J	ND	ND	0.010 J	ND	ND	0.0078 J	0.014 J	ND	ND	ND	ND	ND
Benz(a)anthracene	56-55-3	1	0.026 J	0.26	ND	0.008 J	ND	ND	ND	ND	0.05 J	ND	ND	ND	0.0076 J	ND
Benzo(a)pyrene	50-32-8	1	0.024 J	0.16	ND	ND	0.038 J	ND	0.011 J	0.020 J	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	1	0.052 J	0.3	ND	ND	0.068 J	ND	0.025 J	0.037 J	0.071 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	100	ND	0.120 J	ND	ND	0.042 J	ND	ND	0.019 J	0.015 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	1.7	ND	0.086 J	ND	ND	0.025 J	ND	0.0066 J	0.015 J	0.0058 J	ND	ND	ND	ND	ND
Chrysene	218-01-9	1	0.032 J	0.29	ND	0.0044 J	0.067 J	ND	0.024 J	0.031 J	0.064 J	ND	ND	ND	ND	0.0073 J
Dibenz(a,h)anthracene	53-70-3	0.33	ND	0.033 J	ND	ND	ND	ND	ND	0.0065 J	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	100	0.085 J	0.43	0.0047 J	0.0079 J	0.067 J	0.0087 J	0.027 J	0.056 J	0.099 J	ND	ND	0.0043 J	ND	0.0093 J
Fluorene	86-73-7	100	ND	0.0056 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.0082 J	0.130 J	ND	ND	0.036 J	ND	ND	0.016 J	0.014 J	ND	ND	ND	ND	ND
m-Cresol *	108-39-4	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	12	ND	0.0062 J	ND	ND	ND	ND	0.0072 J	0.011 J	ND	ND	ND	ND	ND	ND
o-Cresol	95-48-7	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Cresol	106-44-5	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	85-01-8	100	0.034 J	0.048 J	0.0052 J	ND	0.039 J	0.0064 J	0.030 J	0.030 J	0.053 J	ND	ND	0.0047 J	ND	0.0076 J
Phenol	108-95-2	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	129-00-0	100	0.048 J	0.63	0.0046 J	ND	0.078 J	0.011 J	0.032 J	0.050 J	0.074 J	ND	ND	ND	ND	0.0088 J

* same as p-Cresol per lab

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

B - Compound was found in the blank and sample.

TABLE 3
 Circle M
 Stockpile Test Results - Metals, PCBs, Pesticides, SVOCs
 April 22-23, 2014

SP-15B (ppm)	SP-16B (ppm)	SP-17B (ppm)	SP-18B (ppm)	SP-19B (ppm)	SP-20B (ppm)	SP-21B (ppm)	SP-22B (ppm)	SP-23B (ppm)	SP-24B (ppm)	SP-25B (ppm)	SP-26B (ppm)	SP-27B DUP5 (ppm)	SP-28B (ppm)	SP-29B (ppm)	SP-30B (ppm)	SP-31B DUP6 (ppm)
5.3 J	6.5 J	7.3	7.4 J	5.5 J	4.8 J	5.8	6.1 J	6.7 J	5.5 J	5.8 J	5.9	5.8 J	5.0 J	3.8	5.6 J	5.6 J
75.1 J	69.1 J	95.6 J	80.5	101	87.2	67.1 J	61.0	66.2	70.2	79.3	73.2 J	76.3	69.5	54.0 J	83.1	81.5
0.58 J	0.61 J	0.71	0.59 J	0.77 J	0.63 J	0.56	0.52	0.55 J	0.58 J	0.68 J	0.61 J	0.70 J	0.54 J	0.50	0.60 J	0.69 J
0.22 J	0.27 J	0.24	0.29 J	0.19 J	0.19 J	0.27	0.23 J	0.20 J	0.18 J	0.19 J	0.23 J	0.19 J	0.19 J	0.17 J	0.20 J	0.23 J
ND	0.39 J	0.47 J	0.28 J	ND	0.74 J	ND	0.38 J	ND	0.40 J	ND	ND	0.39 J	0.63 J	ND	ND	ND
14.6 J	16.4 J	16.3	16.3 J	17.2 J	14.0 J	16.4	14.7 J	13.8 J	13.6 J	16.2 J	17.8	15.3 J	12.5 J	13	15.1 J	16.0 J
21.5	23.5	27.5	24.8	24.6	21.1	23.9	23.6	23.6	20.8	24.8	24.6	24.7 J	19.5	18.1	22.3	23.5
ND	ND	0.84 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 J B	0.50	ND	ND	ND
13.4	13.0	16.9	14.6	14.4	13.8	15.1	13.0	12.3	12.9	14.0	14.8	13.8	13.8	15.5	12.6	13.6
437 J	606 J	913 J	876 J	554 J	437 J	757 J	558 J	734 J	528 J	530 J	590 J	589 J	551 J	412 J	560 J	599 J
0.020 J	0.026 J	0.035 J	0.025 J	0.021 J	0.028 J	0.032 J	ND	0.018 J	0.024 J	0.024 J	0.017 J	0.069	0.017 J	0.023 J	0.011 J	0.081
21.0 J	26.0 J	25.8 J	28.1 J	25.7 J	22.3 J	27.9 J	22.9 J	23.2 J	22.1 J	25.3 J	27.7 J	21.4 J	19.6 J	19.5 J	23.1 J	24.5 J
ND	ND	ND	0.91 J	ND	ND	ND	0.58	0.59 J	ND	ND	ND	ND	ND	ND	ND	0.52 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54.7 B J	67.4 B J	65.7 B J	67.1 B J	66.7 B J	58.0 B J	66.3 B J	58.7 B J	56.9 B J	57.8 B J	64.3 B J	68.0 B J	59.4 B J	54.4 B J	52.2 B J	59.6 B J	64.7 B J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.00051 J	0.00064 J	ND	0.00059 J	0.0005 J	0.00089 J	ND	ND	0.00056 J	0.00057 J	ND	ND	ND	0.0012 J	ND	ND	ND
0.00055 J	0.00056 J	ND	0.00054 J	ND	0.00065 J	ND	ND	0.00061 J	0.00074 J	0.00061 J	0.00077 J	0.011 J	0.0014 J	0.00074 J	0.00061 J	0.00065 J
ND	0.00048 J	ND	ND	ND	0.00059 J	ND	ND	0.00047 J	ND	ND	0.00098 J	ND	0.0094 J	0.00079 J	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	0.0075 J	ND	ND	ND	ND	ND	ND	0.00046 J	0.00040 J	0.00040 J	0.010 J	0.00052 J	0.00054 J	0.00057 J	0.00089 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00046 J	ND	ND	0.00051 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00049 J	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0057 J	ND	ND	ND	0.001 J	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	0.00052 J	0.0067 J	ND	ND	0.00053 J	ND	ND	ND	ND	ND	0.00037 J	ND	ND	0.00040 J	ND	0.00047 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	0.0082 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.0071 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND	ND	ND	ND
ND	ND	0.024 J	ND	ND	ND	0.014 J	ND	ND	0.0098 J	0.036 J	0.0089 J	0.063 J	ND	0.025 J	0.012 J	0.025 J
0.017 J	ND	0.014 J	ND	ND	0.0082 J	ND	ND	ND	ND	ND	ND	0.079 J	ND	0.020 J	ND	0.016 J
0.020 J	ND	0.031 J	ND	ND	0.011 J	0.011 J	ND	ND	0.012 J	0.032 J	0.0068 J	0.14 J	ND	0.032 J	ND	0.021 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011 J	0.037 J	ND	ND	ND	ND
0.013 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	0.0042 J	0.04 J	ND	ND	ND	0.022 J
0.019 J	ND	0.015 J	ND	ND	ND	0.0067 J	ND	ND	ND	ND	0.0054 J	0.16 J	ND	0.019 J	ND	0.024 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.035 J	0.01 J	0.028 J	0.0028 J	ND	0.013 J	0.014 J	ND	ND	0.055 J	0.0058 J	0.10 J	ND	ND	0.034 J	0.02 J	0.032 J
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.013 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0081 J	0.04 J	ND	0.0079 J	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.025 J	0.0065 J	0.018 J	ND	ND	0.0065 J	0.011 J	ND	ND	ND	0.023 J	0.0053 J	0.055 J	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0.044 J	0.011 J	0.02 J	ND	ND	0.013 J	0.0071 J	ND	ND	ND	0.042 J	0.0058 J	0.086 J	0.0088 J	0.024 J	0.016 J	0.030 J

TABLE 4
SUMMARY OF 2014 EXCAVATION ANALYTICAL RESULTS

Table 4
Former Circle M Wood Treatment Site
Site # 3-14-083
Summary of 2014 Excavation Analytical Results

	Analyte	Arsenic	Chromium	Chromium, Hexavalent	Chromium, Trivalent	Copper
	CAS Number	7440-38-2	7440-47-3	18540-29-9	16065-83-1	7440-50-8
	Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C
	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Soil Cleanup Objectives ⁽¹⁾	16	---	110	180	270
Sample ID	Date Sampled					
CD13	8/11/14	6.6	---	---	---	---
D13	7/28/14	22	19	0.96 u, J	19	35
D13b	8/11/14	9.9	---	---	---	---
D14	7/28/14	12	14	0.36 u, J	14	68
D15	7/28/14	5.1	14	0.34 u, J	14	22
D28	7/23/14	11	22	0.98 u	22	34
E11	7/28/14	14	24	0.91 u, J	24	72
E12	7/28/14	12	19	0.36 u, J	19	35
E13	7/28/14	16	17	0.37 u, J	17	24
E14	7/28/14	12	16	0.34 u, J	16	38
E15	7/28/14	5.4	13	0.34 u, J	13	20
E16	7/28/14	13	22	0.35 u, J	22	33
E27	7/23/14	9.7	22	0.87 u	22	37
E28	7/23/14	15	27	0.38 u	27	39
E29	7/23/14	12	23	0.38 u	23	36
EF27	7/28/14	6.2	17	0.35 u, J	17	26
F10	8/11/14	11	---	---	---	---
F11	7/28/14	78	80	0.35 u, J	80	82
F11b	8/11/14	16	---	---	---	---
F12	7/28/14	9.9	15	0.36 u, J	15	29
F13	7/28/14	11	13	0.37 u, J	13	25
F14	7/28/14	7.3	14	0.34 u, J	14	49
F15	7/28/14	7.5	15	0.91 u, J	15	23
F16	7/28/14	11	14	0.35 u, J	14	23
F17	7/28/14	13	25	0.96 u, J	25	56
F27	7/23/14	6.7	17	0.35 u	17	27
F28	7/23/14	15	26	0.39 u	26	38
F29	7/23/14	11	19	0.39 u	19	33
F30	7/23/14	14	16	0.42 u	16	15
G10	8/11/14	12	---	---	---	---
G11	7/28/14	22	24	0.34 u, J	24	50
G11b	8/11/14	7.5	---	---	---	---
G12	7/28/14	11	16	0.36 u, J	16	31
G13	7/28/14	9.0	15	0.94 u, J	15	28
G14	7/28/14	6.5	15	0.34 u, J	15	61
G15	7/28/14	7.1	13	0.35 u, J	13	22
G16	7/28/14	9.1	12	0.35 u, J	12	17
G17	7/28/14	8.5	15	0.87 u, J	15	17
G26	7/28/14	7.8	17	0.91 u, J	17	32
G27	7/23/14	7.6	19	0.87 u	19	32
G28	7/23/14	18	56 J	0.95 u	56 J	130 J
G28b	8/6/14	5.8	---	---	---	---
G29	7/23/14	16	17	0.34 u	17	22
G30	7/23/14	15	23	0.40 u	23	34
H11	7/28/14	13	26	0.34 u, J	26	38 J
H12	7/28/14	11	15	0.37 u, J	15	23 J
H13	7/28/14	8.4	16	0.36 u, J	16	30 J
H14	7/28/14	7.8	13	0.35 u, J	13	40 J
H15	7/28/14	7 J	10	0.35 u, J	10	26 J
H16	7/28/14	6.1	12	0.35 u, J	12	23
H17	7/28/14	8.8	15	0.89 u, J	15	36
H19	8/15/14	19	---	---	---	---
H19b	8/21/14	3.2 u	---	---	---	---

Table 4
Former Circle M Wood Treatment Site
Site # 3-14-083
Summary of 2014 Excavation Analytical Results

Analyte	Arsenic	Chromium	Chromium, Hexavalent	Chromium, Trivalent	Copper	
CAS Number	7440-38-2	7440-47-3	18540-29-9	16065-83-1	7440-50-8	
Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Soil Cleanup Objectives ⁽¹⁾	16.0	---	110	180	270	
Sample ID	Date Sampled					
H27	7/23/14	9.0	18	0.88 u	18	35
H28	7/23/14	30	38	1.0 u	38	63
H28b	8/6/14	34	---	---	---	---
H28C	8/12/14	4.7	---	---	---	---
H29	7/23/14	13	25	0.38 u	25	37
HI18	8/11/14	25	---	---	---	---
HI18b	8/19/14	5.9	---	---	---	---
HI27	7/28/14	7.1	17	0.36 u, J	17	29
HI29	7/28/14	29	38	0.95 u, J	38	47
I10	7/29/14	19	23	0.33 u, J	23	38 J
I10b	8/11/14	8.4	---	---	---	---
I11	7/29/14	9.6	15	0.34 u, J	15	36 J
I12	7/29/14	15	19	0.35 u, J	19	30 J
I13	7/28/14	5.6	15	0.33 u, J	15	28 J
I14	7/28/14	10	9.9	0.33 u, J	9.9	15 J
I15	7/28/14	15	6.6	0.35 u, J	6.6	6.7 J
I16	7/28/14	24	15	0.34 u, J	15	17 J
I16b	8/11/14	7.5	---	---	---	---
I17	7/28/14	19	16	0.35 u, J	16	18 J
I17b	8/11/14	8.6	---	---	---	---
I18	7/28/14	22	19	0.89 u, J	19	22 J
I18b	8/11/14	15	---	---	---	---
I19	8/11/14	37	---	---	---	---
I19b	8/15/14	7.6	---	---	---	---
I27	7/23/14	9.1	20	0.85 u	20	34
I28	7/23/14	46	44	0.93 u	44	76 J
I28b	8/6/14	31	---	---	---	---
I28C	8/12/14	5.6	---	---	---	---
I29	7/23/14	52	44	0.37 u	44	39
I29b	8/6/14	6.1	---	---	---	---
IJ27	7/28/14	7.8	19	1.9 u, J	19	37
IJ29	7/28/14	21	25	0.42 u, J	25	31
J12	7/29/14	13	19	0.35 u, J	19	23 J
J13	7/29/14	10	22	0.36 u, J	22	48 J
J14	7/29/14	6.4	10	0.35 u, J	10	23 J
J15	7/29/14	5.9	12	0.35 u, J	12	24 J
J16	7/29/14	7.5	12	0.35 u, J	12	24 J
J17	7/29/14	5.2	9.8 J	0.32 u, J	9.8 J	19 J
J18	7/29/14	7.8	17	0.35 u, J	17	29 J
J19	7/29/14	11	17	0.34 u, J	17	26 J
J26	7/23/14	26	30	0.95 u	30	59
J26b	8/6/14	29	---	---	---	---
J26C	8/12/14	7.3	---	---	---	---
J27	7/23/14	46	52	0.88 u	52	58
J27b	8/6/14	12	---	---	---	---
J28	7/23/14	33	33	0.42 u	33	26
J28b	8/6/14	24	---	---	---	---
J28c	8/12/14	3.1 u	---	---	---	---
J29	7/23/14	23	25	0.94 u	25	29
J29b	8/6/14	10	---	---	---	---
K28	7/23/14	35	33	0.46 u	33	24
K28b	8/6/14	33	---	---	---	---
K28C	8/12/14	4.8	---	---	---	---

Table 4
Former Circle M Wood Treatment Site
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Summary of 2014 Excavation Analytical Results

Analyte	Arsenic	Chromium	Chromium, Hexavalent	Chromium, Trivalent	Copper	
CAS Number	7440-38-2	7440-47-3	18540-29-9	16065-83-1	7440-50-8	
Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Soil Cleanup Objectives ⁽¹⁾	16.0	---	110	180	270	
Sample ID	Date Sampled					
K29	7/23/14	12	16	0.41 u	16	35
N3	7/31/14	8.1	17	0.36 u, J	17	31 J
O3	7/31/14	9.5	15	0.90 u, J	15	25 J
OP3	7/31/14	11	16	0.86 u, J	16	24 J
P3	7/31/14	12	16	0.87 u, J	16	25 J
Duplicate 1	7/23/14	15	30 J	0.38 u	30 J	79 J
Duplicate 2	7/23/14	38	37	0.40 u	37	87
Duplicate 3	7/23/14	40	47	0.91 u	47	140 J
Duplicate 4	7/23/14	26	24	0.92 u	24	23
Duplicate 5	7/28/14	17	18	0.97 u, J	18	42
Duplicate 6	7/28/14	2.6 u	12	0.34 u, J	12	17
Duplicate 7	7/28/14	11 J	13	0.35 u, J	13	18 J
Duplicate 8	7/28/14	30	18	0.34 u, J	18	20 J
Duplicate 9	7/29/14	6.4	15 J	0.36 u, J	15 J	25 J
Duplicate 10	7/29/14	9.7	16	0.36 u, J	16	20 J
Duplicate 11	8/6/14	34	---	---	---	---
Duplicate 12	8/6/14	33	---	---	---	---
Duplicate 13	8/11/14	11	---	---	---	---
Duplicate 14	8/11/14	8.0	---	---	---	---

u = Not detected above the laboratory reporting limit shown.

J = Analyte is present. Reported Value is estimated, with a higher level of uncertainty.

--- = Not Available or Not Analyzed

⁽¹⁾ Part 375-6.8(b): Restricted Residential Use Soil Cleanup Objectives.

Values in **BOLD** indicate exceedance of Restricted Residential Soil Cleanup Objective.

TABLE 5
SOILS EXCEEDING UNRESTRICTED SCOs AFTER
THE REMEDIAL ACTION

Table 5
Former Circle M Wood Treatment Site
Site # 3-14-083
Soils Exceeding Unrestricted SCOs After Remedial Action

Analyte	Arsenic	Chromium	Chromium, Hexavalent	Chromium, Trivalent	Copper
CAS Number	7440-38-2	7440-47-3	18540-29-9	16065-83-1	7440-50-8
Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Soil Cleanup Objective ⁽¹⁾	13	---	1	30	50
Sample ID	Date Sampled				
CD13	8/11/14	6.6	---	---	---
D13b	8/11/14	9.9	---	---	---
D14	7/28/14	12	14	0.36 u, J	14
D15	7/28/14	5.1	14	0.34 u, J	14
D28	7/23/14	11	22	0.98 u	22
E11	7/28/14	14	24	0.91 u, J	24
E12	7/28/14	12	19	0.36 u, J	19
E13	7/28/14	16	17	0.37 u, J	17
E14	7/28/14	12	16	0.34 u, J	16
E15	7/28/14	5.4	13	0.34 u, J	13
E16	7/28/14	13	22	0.35 u, J	22
E27	7/23/14	9.7	22	0.87 u	22
E28	7/23/14	15	27	0.38 u	27
E29	7/23/14	12	23	0.38 u	23
EF27	7/28/14	6.2	17	0.35 u, J	17
F10	8/11/14	11	---	---	---
F11b	8/11/14	16	---	---	---
F12	7/28/14	9.9	15	0.36 u, J	15
F13	7/28/14	11	13	0.37 u, J	13
F14	7/28/14	7.3	14	0.34 u, J	14
F15	7/28/14	7.5	15	0.91 u, J	15
F16	7/28/14	11	14	0.35 u, J	14
F17	7/28/14	13	25	0.96 u, J	25
F27	7/23/14	6.7	17	0.35 u	17
F28	7/23/14	15	26	0.39 u	26
F29	7/23/14	11	19	0.39 u	19
F30	7/23/14	14	16	0.42 u	16
G10	8/11/14	12	---	---	---
G11b	8/11/14	7.5	---	---	---
G12	7/28/14	11	16	0.36 u, J	16
G13	7/28/14	9.0	15	0.94 u, J	15
G14	7/28/14	6.5	15	0.34 u, J	15
G15	7/28/14	7.1	13	0.35 u, J	13
G16	7/28/14	9.1	12	0.35 u, J	12
G17	7/28/14	8.5	15	0.87 u, J	15
G26	7/28/14	7.8	17	0.91 u, J	17
G27	7/23/14	7.6	19	0.87 u	19
G28b	8/6/14	5.8	---	---	---
G29	7/23/14	16	17	0.34 u	17
G30	7/23/14	15	23	0.40 u	23
H11	7/28/14	13	26	0.34 u, J	26
H12	7/28/14	11	15	0.37 u, J	15
H13	7/28/14	8.4	16	0.36 u, J	16
H14	7/28/14	7.8	13	0.35 u, J	13
H15	7/28/14	7 J	10	0.35 u, J	10
H16	7/28/14	6.1	12	0.35 u, J	12
H17	7/28/14	8.8	15	0.89 u, J	15

Table 5
Former Circle M Wood Treatment Site
Site # 3-14-083
Soils Exceeding Unrestricted SCOs After Remedial Action

	Analyte	Arsenic	Chromium	Chromium, Hexavalent	Chromium, Trivalent	Copper
	CAS Number	7440-38-2	7440-47-3	18540-29-9	16065-83-1	7440-50-8
	Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C
	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Soil Cleanup Objectives ⁽¹⁾	13.0	---	1	30	50
Sample ID	Date Sampled					
H19b	8/21/14	3.2 u	---	---	---	---
H27	7/23/14	9.0	18	0.88 u	18	35
H28C	8/12/14	4.7	---	---	---	---
H29	7/23/14	13	25	0.38 u	25	37
H118	8/11/14	25	---	---	---	---
HI18b	8/19/14	5.9	---	---	---	---
HI27	7/28/14	7.1	17	0.36 u, J	17	29
HI29	7/28/14	29	38	0.95 u, J	38	47
I10b	8/11/14	8.4	---	---	---	---
I11	7/29/14	9.6	15	0.34 u, J	15	36 J
I12	7/29/14	15	19	0.35 u, J	19	30 J
I13	7/28/14	5.6	15	0.33 u, J	15	28 J
I14	7/28/14	10	9.9	0.33 u, J	9.9	15 J
I15	7/28/14	15	6.6	0.35 u, J	6.6	6.7 J
I16b	8/11/14	7.5	---	---	---	---
I17b	8/11/14	8.6	---	---	---	---
I18b	8/11/14	15	---	---	---	---
I19b	8/15/14	7.6	---	---	---	---
I27	7/23/14	9.1	20	0.85 u	20	34
I28C	8/12/14	5.6	---	---	---	---
I29b	8/6/14	6.1	---	---	---	---
IJ27	7/28/14	7.8	19	1.9 u, J	19	37
IJ29	7/28/14	21	25	0.42 u, J	25	31
J12	7/29/14	13	19	0.35 u, J	19	23 J
J13	7/29/14	10	22	0.36 u, J	22	48 J
J14	7/29/14	6.4	10	0.35 u, J	10	23 J
J15	7/29/14	5.9	12	0.35 u, J	12	24 J
J16	7/29/14	7.5	12	0.35 u, J	12	24 J
J17	7/29/14	5.2	9.8 J	0.32 u, J	9.8 J	19 J
J18	7/29/14	7.8	17	0.35 u, J	17	29 J
J19	7/29/14	11	17	0.34 u, J	17	26 J
J26C	8/12/14	7.3	---	---	---	---
J27b	8/6/14	12	---	---	---	---
J28c	8/12/14	3.1 u	---	---	---	---
J29b	8/6/14	10	---	---	---	---
K28C	8/12/14	4.8	---	---	---	---
K29	7/23/14	12	16	0.41 u	16	35
N3	7/31/14	8.1	17	0.36 u, J	17	31 J
O3	7/31/14	9.5	15	0.90 u, J	15	25 J
OP3	7/31/14	11	16	0.86 u, J	16	24 J
P3	7/31/14	12	16	0.87 u, J	16	25 J
Duplicate 1	7/23/14	15	30 J	0.38 u	30 J	79 J
Duplicate 2	7/23/14	38	37	0.40 u	37	87
Duplicate 3	7/23/14	40	47	0.91 u	47	140 J

Table 5
Former Circle M Wood Treatment Site
Site # 3-14-083
Soils Exceeding Unrestricted SCOs After Remedial Action

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Specific Method	SW-846 6010C	SW-846 6010C	SW-846 6010C	Tri Chrome Calc.	SW-846 6010C	
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Soil Cleanup Objectives ⁽¹⁾	13.0	---	1	30	50	
Sample ID	Date Sampled					
Duplicate 4	7/23/14	26	24	0.92 u	24	23
Duplicate 5	7/28/14	17	18	0.97 u, J	18	42
Duplicate 6	7/28/14	2.6 u	12	0.34 u, J	12	17
Duplicate 7	7/28/14	11 J	13	0.35 u, J	13	18 J
Duplicate 8	7/28/14	30	18	0.34 u, J	18	20 J
Duplicate 9	7/29/14	6.4	15 J	0.36 u, J	15 J	25 J
Duplicate 10	7/29/14	9.7	16	0.36 u, J	16	20 J
Duplicate 11	8/6/14	34	---	---	---	---
Duplicate 12	8/6/14	33	---	---	---	---
Duplicate 13	8/11/14	11	---	---	---	---
Duplicate 14	8/11/14	8.0	---	---	---	---

u = Not detected above the laboratory reporting limit shown.

J = Analyte is present. Reported Value is estimated, with a higher level of uncertainty.

--- = Not Available or Not Analyzed

⁽¹⁾ Part 375-6.8(a): Unrestricted Use Soil Cleanup Objectives.

Values in **BOLD** indicate exceedance of Restricted Residential Soil Cleanup Objective.