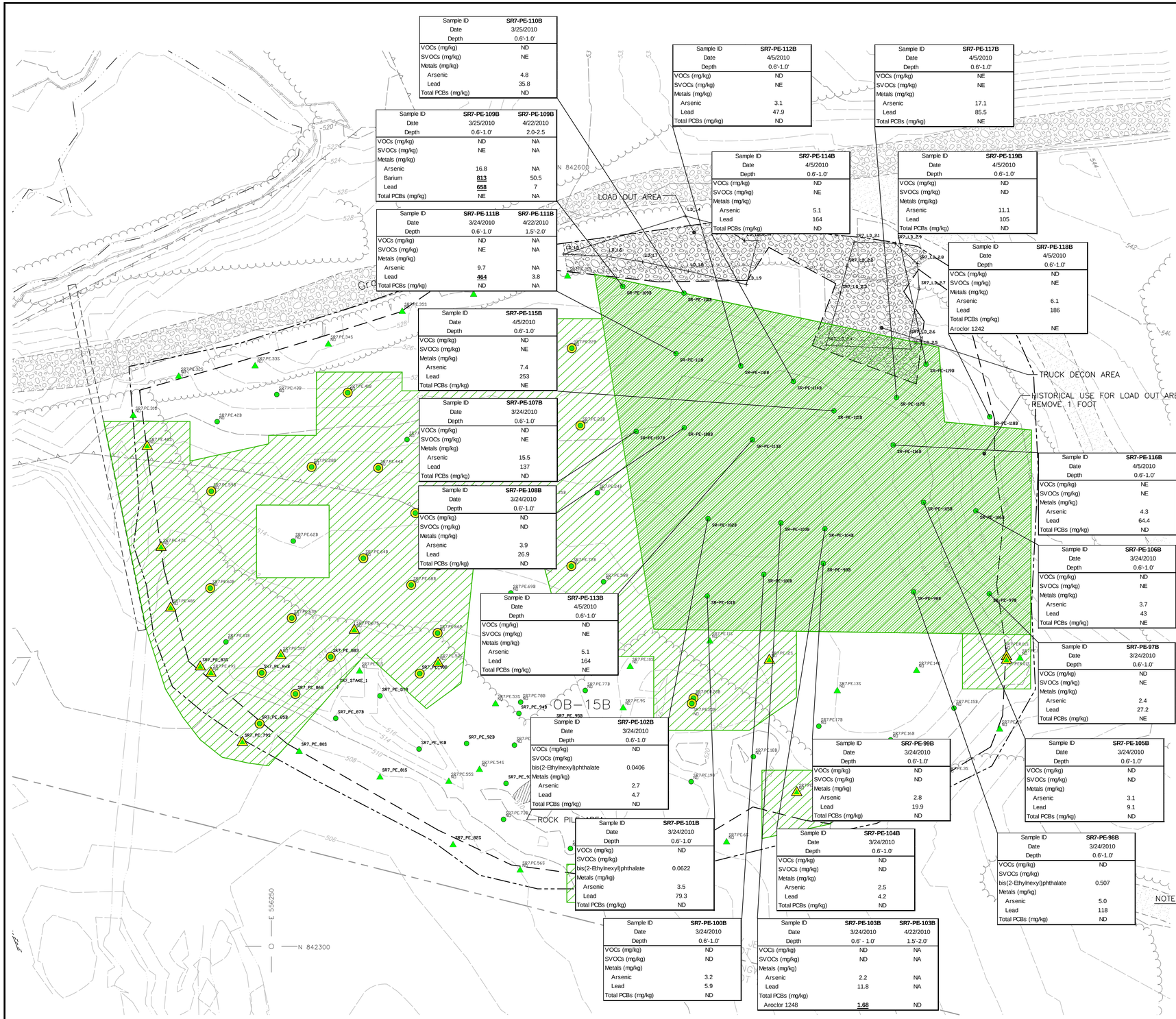

Sample ID	SR7-PE-110B
Date	3/25/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	4.8
Lead	35.8
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-109B	SR7-PE-109B
Date	3/25/2010	4/22/2010
Depth	0.6'-1.0'	2.0-2.5
VOCs (mg/kg)	ND	NA
SVOCs (mg/kg)	NE	NA
Metals (mg/kg)		
Arsenic	16.8	NA
Barium	**813**	50.5
Lead	**658**	7
Total PCBs (mg/kg)	NE	NA

Sample ID	SR7-PE-111B	SR7-PE-111B
Date	3/24/2010	4/22/2010
Depth	0.6'-1.0'	1.5'-2.0'
VOCs (mg/kg)	ND	NA
SVOCs (mg/kg)	NE	NA
Metals (mg/kg)		
Arsenic	9.7	NA
Lead	**464**	3.8
Total PCBs (mg/kg)	ND	NA

Sample ID	SR7-PE-115B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	7.4
Lead	253
Total PCBs (mg/kg)	NE

Sample ID	SR7-PE-107B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	15.5
Lead	137
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-108B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	3.9
Lead	26.9
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-113B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	5.1
Lead	164
Total PCBs (mg/kg)	NE

Sample ID	SR7-PE-102B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	
bis(2-Ethylhexyl)phthalate	0.0406
Metals (mg/kg)	
Arsenic	2.7
Lead	4.7
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-101B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	
bis(2-Ethylhexyl)phthalate	0.0622
Metals (mg/kg)	
Arsenic	3.5
Lead	79.3
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-100B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	3.2
Lead	5.9
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-112B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	3.1
Lead	47.9
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-114B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	5.1
Lead	164
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-117B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	NE
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	17.1
Lead	85.5
Total PCBs (mg/kg)	NE

Sample ID	SR7-PE-119B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	11.1
Lead	105
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-118B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	6.1
Lead	186
Total PCBs (mg/kg)	
Aroclor 1242	NE

Sample ID	SR7-PE-116B
Date	4/5/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	NE
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	4.3
Lead	64.4
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-106B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	3.7
Lead	43
Total PCBs (mg/kg)	NE

Sample ID	SR7-PE-97B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	NE
Metals (mg/kg)	
Arsenic	2.4
Lead	27.2
Total PCBs (mg/kg)	NE

Sample ID	SR7-PE-99B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	2.8
Lead	19.9
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-105B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	3.1
Lead	9.1
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-104B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	ND
Metals (mg/kg)	
Arsenic	2.5
Lead	4.2
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-98B
Date	3/24/2010
Depth	0.6'-1.0'
VOCs (mg/kg)	ND
SVOCs (mg/kg)	
bis(2-Ethylhexyl)phthalate	0.507
Metals (mg/kg)	
Arsenic	5.0
Lead	118
Total PCBs (mg/kg)	ND

Sample ID	SR7-PE-103B	SR7-PE-103B
Date	3/24/2010	4/22/2010
Depth	0.6' - 1.0'	1.5'-2.0'
VOCs (mg/kg)	ND	NA
SVOCs (mg/kg)	ND	NA
Metals (mg/kg)		
Arsenic	2.2	NA
Lead	11.8	NA
Total PCBs (mg/kg)		
Aroclor 1248	**1.68**	ND

LEGEND:

- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- CONCENTRATED PAINT SLUDGE AREA
- LIMIT OF DISTURBANCE
- LIMITS OF EXCAVATION
- LIMIT OF SURFACE WATER
- PROPERTY BOUNDARY
- TREE LINE
- SILT FENCE
- OVERHEAD UTILITY LINES
- WETLAND BOUNDARY (TRIDENT)
- DIRT ROAD/TRAIL
- STABILIZED ACCESS ROAD
- STABILIZED CONSTRUCTION/ LOAD OUT AREA
- PAVED ROAD
- BLOCK
- LOT
- OVERBURDEN MONITORING WELL
- POST EXCAVATION BASE SAMPLE LOCATION
- POST EXCAVATION BASE SAMPLE LOCATION SUBSEQUENTLY EXCAVATED
- POST EXCAVATION SIDEWALL SAMPLE LOCATION
- POST EXCAVATION SIDEWALL SAMPLE LOCATION SUBSEQUENTLY EXCAVATED
- PROPOSED EXCAVATION AREA
- HISTORICAL USE FOR LOAD OUT AREA
- SAMPLE EXCEEDS FOR ARSENIC

ND NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
NE NO EXCEEDANCE
NA NOT ANALYZED
NS NO STANDARD
mg/kg MILLIGRAMS PER KILOGRAM (PARTS PER MILLION)
< LESS THAN
BOLD CONTAMINANT DETECTED AT LEVELS GREATER THAN THE NJDEP UNRESTRICTED USE OR IMPACT TO GROUNDWATER CRITERIA

Constituent	NJDEP Soil Cleanup Criteria		
	Unrestricted Use Criteria	Restricted Use Criteria	Impact to Groundwater Criteria
Metals (mg/kg)			
Arsenic	20	20	NS
Beryllium	2	2	NS
Lead	400	600	NS
Antimony	14	340	NS
Thallium	2	2	NS

NOTE:

1. WETLAND BOUNDARY ESTABLISHED BY TRIDENT ENVIRONMENTAL CONSULTANTS (2005).
2. DATA QUALIFIERS WERE NOT PROVIDED ON DRAWINGS. DATA QUALIFIERS ARE REPORTED IN ANALYTICAL TABLES.
3. WHEN A DUPLICATE SAMPLE ANALYSIS WAS PERFORMED, THE DATA REPORTED ON THE DRAWING IS THE GREATER OF THE TWO ANALYTICAL RESULTS.
4. EXISTING CONTOURS DEPICT TOPOGRAPHY PRIOR TO REMOVAL ACTIVITIES.
5. SAMPLE DEPTHS ARE APPROXIMATE.
6. PCBs RESULTS ARE REPORTED AS TOTAL PCBs.

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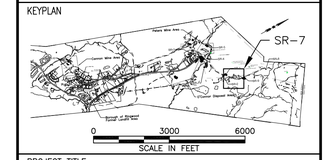
0 20 40
SCALE IN FEET

REV. ISSUED DATE DESCRIPTION

KEYPLAN



PROJECT TITLE

SR-7 AREA
RINGWOOD MINE/LANDFILL SITE
RINGWOOD, NEW JERSEY

SHEET TITLE

SUMMARY OF POST EXCAVATION SAMPLE LOCATIONS AND RESULTS FOR SR-7 AREA

ARCADIS
1 International Boulevard
Mahwah, NJ 07430
Tel: 201-684-1410 Fax: 201-684-1420
www.arcadis-us.com

SEAL | SEAL

PROJECT MANAGER	DEPARTMENT MANAGER
E. ZIMMERMAN	T. RODRIGUEZ
LEAD DESIGN PROF.	CHECKED BY
J. ROCKLIN	V. MYERS
TASK/PHASE NUMBER	DRAWN BY
00026	J. GONZALEZ
PROJECT NUMBER	FIGURE
NJ000604.0035	1A

Date\Time : Mon, 26 Apr 2010 - 2:40pm
Path\Name : G:\ENVCAD\Mahwah\ACT\NJ000604\0035\00026\2010-03\FIG 1-PE RESULTS_2010-04_R1.dwg - Layout Tab : 1A
Acad Version : R17.1s (LMS Tech)
User Name : jrgonzalez