

ENGINEERING MANAGEMENT SUPPORT, INC.

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04 June 2009

Mr. Linda Kiefer, RPM
U.S. EPA Region 8
Office of Ecosystems Protection and Remediation
Mail Code 8EPR-SR
1595 Wynkoop St.
Denver, Colorado 80202-1129

Subject: **First Quarter 2009 Remedial Action Status Report**, Lowry Landfill
Superfund Site

Dear Ms. Kiefer:

On behalf of the City and County of Denver, Chemical Waste Management, Inc., and Waste Management of Colorado, Inc., (collectively the Work Settling Defendants (WSDs)), Engineering Management Support, Inc. (EMSI) is submitting this Remedial Action (RA) Status Report that describes work completed on the Former Tire Pile Area (FTPA) waste pit remedy during the first quarter, 2009 as required by the Lowry Landfill Consent Decree.

Work Completed

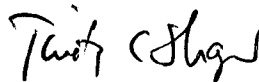
- Product thickness measurements and maps of product thickness:
 - See Figure 1 for product thickness measurements.
- Volume of product recovered during the reporting period:
 - See Table 1 for volume of product recovered during the reporting period.
- Recovered volume versus time for each recovery well:
 - See Table 1 and Figure 2 for recovered volume versus time. To date, 7,400 gallons of liquids from the north waste pit have been removed.
- Summary of amounts and location of product disposal or treatment:
 - No product was disposed of during the quarter.
- No change directives were issued during the quarter.

- Test and survey reports including a summary of QC testing results:
 - The only testing/surveying performed during the quarter was product thickness monitoring from north waste pit wells. Results are shown on Figure 1 and summarized in Table 1.
- Schedule update:
 - Liquid extraction will continue at the north waste pit during the second quarter 2009. Wells meeting end-point criteria will be abandoned.
 - Vegetative cover on the south waste pit will be monitored during the second quarter 2009 for successful germination and establishment of mature growth.
 - The next RA report will be included as a part of 1st Half 2009 RA/O&M Status Report to be submitted September 30, 2009.

Please feel free to call Dave Wilmoth, Steve Richtel, or me if you have any questions.

Sincerely,

Engineering Management Support, Inc



Timothy C. Shangraw, P.E.
Project Manager

Attachment

cc:	EPA (2 copies, 1 e-copy)	Lee Pivonka, CDPHE (2 copies)
	Dave Wilmoth, Denver (1 copy)	Steve Richtel (1 copy)
	Bonnie Rader, CLLEAN (1 copy)	Lynn R. Wagner, TCHD (1 copy)
	Bill Plaehn, Parsons (1 copy)	Thom Larson, Parsons (2 copies)

TABLE 1
TOTAL LIQUIDS RECOVERED FROM THE NORTH WASTE PIT
VOLUME OF LIQUIDS REMOVED (1Qtr of 09)

Well Location	Total Volume (January through March 2009) (gal)^{a/}	Total Volume (through End of March 2009) (gal)	Time Interval (weeks)	Removal Rates (gal/week)	Type	LNAPL/DNAPL Thickness^{a/} (ft)	Actively Pumping
MPE-N-1	NA	45	NA	NA	NA	NA	Abandoned
MPE-N-2	NA	NA	NA	NA	NA	NA	Abandoned
MPE-N-3	NA	90	NA	NA	NA	NA	Abandoned
MPE-N-4	60	1741	10	6	LNAPL	1.17	Yes
MPE-N-5	NA	884	NA	NA	NA	NA	Abandoned
MPM-N-I-2	2.0	10	6	0.33	DNAPL	0.79	Yes
MPM-N-I-3	NA	216	NA	NA	NA	NA	Abandoned
MPM-N-I-4	NA	132	NA	NA	NA	NA	Abandoned
MPM-N-I-5	NA	33	NA	NA	NA	NA	Abandoned
MPM-N-I-6	NA	361	NA	NA	NA	NA	Abandoned
MPM-N-I-7	NA	181	NA	NA	NA	NA	Abandoned
MPM-N-E-2	23	552	7	3	DNAPL	0.69	Yes
MPM-N-E-4	NA	54	NA	NA	NA	NA	Abandoned
MPM-N-E-7R	34	1430	11	3	LNAPL	0	Yes

NWP Total= 120 5,800

FTPA Total= 120 7,400

(volumes are approximate)

^{a/} Liquid levels collected 3/26/2009

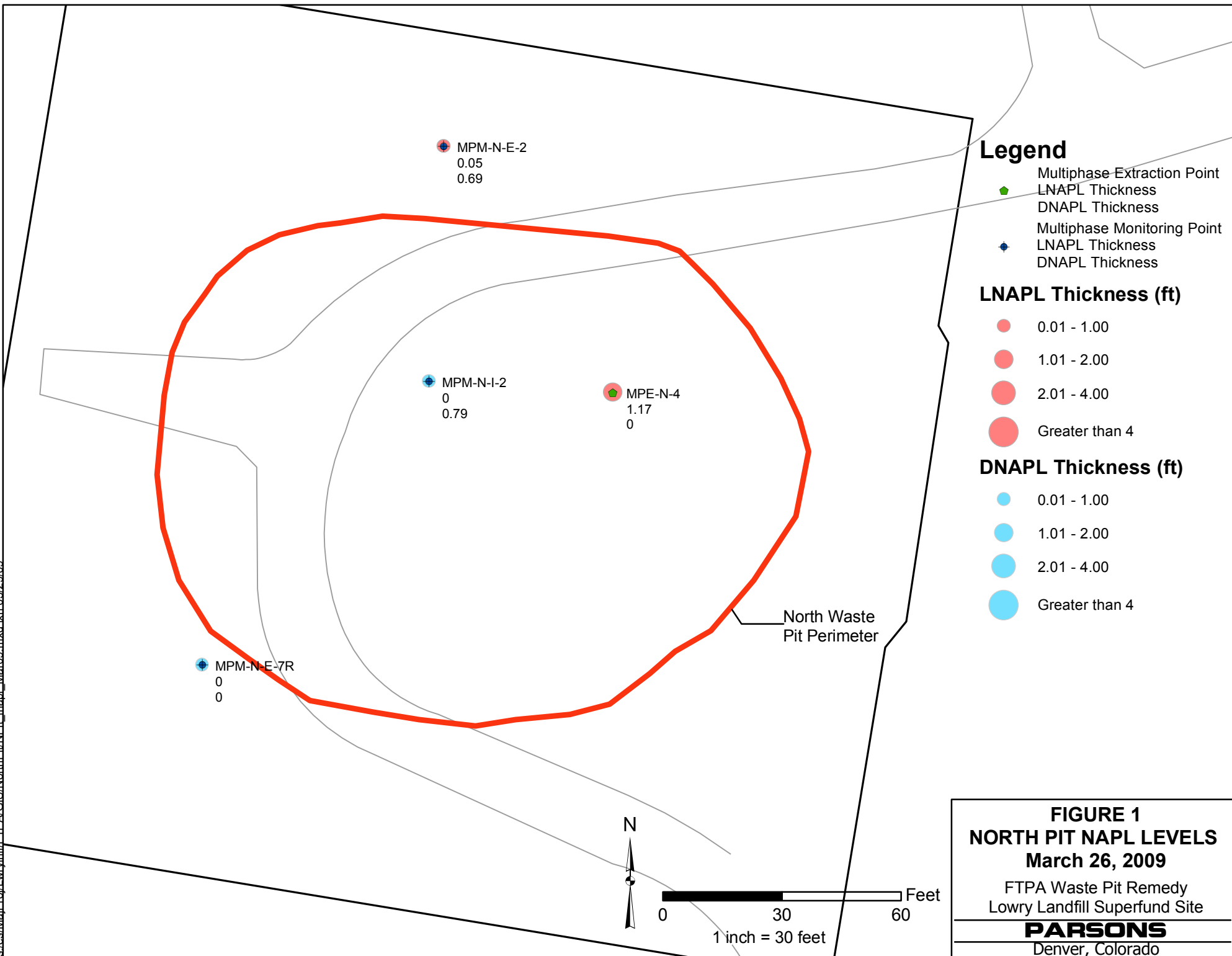


FIGURE 1
NORTH PIT NAPL LEVELS
March 26, 2009
FTP A Waste Pit Remedy
Lowry Landfill Superfund Site
PARSONS
Denver, Colorado

**FIGURE 2
TOTAL LIQUIDS REMOVED**

