



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT MONMOUTH
286 SANGER AVENUE
FORT MONMOUTH, NEW JERSEY 07703-5101

Directorate of Public Works

September 19, 2007

State of New Jersey
Department of Environmental Protection
Division of Remediation Management & Response
Bureau of Design and Construction
401 East State Street
P.O. Box 413
Trenton, NJ 08625-0413
Attn: Larry Quinn, P.E., CHMM, Case Manager

RE: Site 283 – Updated Groundwater Contaminant Map

Dear Mr. Quinn:

In response to your recent email request, I've enclosed two copies of an updated groundwater contaminant map for Site 283. The updated map reflects groundwater data for all contaminants of concern for each of the six monitoring wells. All groundwater data collected to date, as it relates to site contaminants of concern, are referenced on the map.

If you should have any questions or comments concerning said map, please feel free to contact the undersigned at your convenience, (732) 532-6223.

Sincerely,

Joseph M. Fallon, CHMM
Chief, Environmental Branch
Directorate of Public Works

Encl.



	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
6/28/2000	9.25	ND	ND	ND
8/10/2000	11.75	ND	ND	ND
8/31/2000	NS	NS	NS	ND
10/13/2000	NS	NS	NS	ND
10/17/2000	9.86	ND	ND	2.17
1/5/2001	5.3	ND	ND	21.1
4/4/2001	10.06	ND	ND	2
7/24/2001	ND	ND	ND	2.6
12/11/2001	4.53	ND	NDN	ND
3/8/2002	8.38	ND	ND	ND
5/16/2002	6.21	ND	ND	ND
9/10/2002	ND	ND	ND	ND
12/3/2002	3.45	ND	ND	9.11
2/27/2003	8.24	ND	3.14	ND
5/19/2003	1.47	ND	15.94	1.16
8/4/2003	ND	ND	ND	ND
11/13/2003	ND	ND	ND	ND
2/5/2004	3.21	ND	ND	ND
5/11/2004	2.03	0.99	2.24	ND
7/21/2004	ND	ND	ND	ND
11/3/2004	ND	0.83	2.07	18
1/20/2005	ND	ND	ND	ND
4/20/2005	ND	ND	ND	ND
8/9/2005	ND	ND	ND	ND
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	ND	ND	ND	ND
1/13/2006	ND	ND	ND	ND
4/18/2006	ND	1.06	0.74	ND
7/25/2006	ND	ND	ND	ND
10/30/2006	ND	ND	ND	ND
2/1/2007	ND	ND	ND	ND
5/3/2007	ND	ND	ND	ND

	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
6/28/2000	ND	ND	ND	ND
8/10/2000	ND	ND	ND	2.38
8/31/2000	NS	NS	NS	1.5
10/13/2000	NS	NS	NS	20.1
10/17/2000	ND	ND	ND	1.85
1/5/2001	ND	ND	ND	ND
4/4/2001	ND	ND	ND	3
7/24/2001	ND	ND	ND	3.03
12/11/2001	ND	ND	ND	7.83
3/8/2002	ND	ND	ND	1.36
5/16/2002	ND	ND	ND	ND
9/10/2002	ND	ND	ND	ND
12/3/2002	ND	ND	ND	ND
2/27/2003	ND	ND	ND	ND
5/19/2003	ND	ND	ND	ND
8/4/2003	ND	ND	ND	ND
11/13/2003	ND	ND	ND	ND
2/5/2004	ND	ND	ND	ND
5/11/2004	ND	ND	ND	ND
7/21/2004	ND	ND	ND	ND
11/3/2004	ND	0.72	1.61	ND
1/20/2005	ND	ND	ND	ND
4/20/2005	ND	1.25	2.22	ND
8/9/2005	ND	ND	ND	ND
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	ND	ND	ND	ND
1/13/2006	ND	1.5	5.64	ND
4/18/2006	ND	0.93	1.08	ND
7/25/2006	ND	ND	ND	ND
10/30/2006	ND	ND	ND	ND
2/1/2007	ND	ND	ND	ND
5/3/2007	ND	ND	ND	ND

	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
11/3/2004	ND	ND	ND	ND
11/18/2004	ND	ND	ND	5.11
1/20/2005	ND	ND	ND	5.63
4/20/2005	ND	0.29	ND	ND
8/9/2005	ND	ND	ND	ND
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	ND	ND	ND	ND
1/13/2006	ND	ND	ND	ND
4/18/2006	ND	ND	ND	ND
7/25/2006	ND	ND	ND	ND
10/30/2006	ND	ND	ND	ND
2/1/2007	ND	ND	ND	ND
5/3/2007	ND	ND	ND	0.929

	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
11/3/2004	ND	ND	ND	24.9
11/18/2004	ND	ND	ND	ND
1/20/2005	ND	ND	ND	28
4/20/2005	ND	0.42	ND	5.78
8/9/2005	ND	ND	ND	9
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	ND	ND	ND	ND
1/13/2006	ND	ND	ND	ND
4/18/2006	ND	ND	ND	ND
7/25/2006	ND	ND	ND	ND
10/30/2006	ND	ND	ND	ND
2/1/2007	ND	ND	ND	ND
5/3/2007	ND	ND	ND	6.94

	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
11/3/2004	ND	ND	ND	5.87
11/18/2004	ND	ND	ND	ND
1/20/2005	ND	ND	ND	ND
4/20/2005	ND	ND	ND	ND
8/9/2005	ND	ND	ND	6.32
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	ND	ND	ND	ND
1/13/2006	ND	ND	ND	ND
4/18/2006	ND	ND	ND	1.74
7/25/2006	ND	ND	ND	ND
10/30/2006	ND	ND	ND	ND
2/1/2007	ND	ND	ND	ND
5/3/2007	ND	ND	ND	ND

	BENZENE (ug/l)	ETHYLBENZENE (ug/l)	XYLENES (ug/l)	LEAD (ug/l)
NUDEP CRITERIA	1	700	40	10
9/20/1999	536.85	797.4	3831.36	22
12/27/1999	720.56	422.5	2125.66	6.92
3/23/2000	827.72	725.71	4295.69	15.3
6/28/2000	908.16	1129.33	5090.7	11.6
8/10/2000	432	717.5	4009.44	31.9
8/31/2000	NS	NS	NS	33.1
10/13/2000	NS	NS	NS	25.7
10/17/2000	670.35	810.07	3829.91	14.5
1/5/2001	1009.73	1160.45	5143.75	25.3
4/4/2001	284	502.14	3221.45	23
7/24/2001	502.2	604.67	2797.88	12.3
12/11/2001	1055.08	711.17	1524.1	11.8
3/8/2002	716.22	925.98	2192.84	9.02
5/16/2002	395.51	659.8	1910.78	9.55
9/10/2002	223.8	476.21	970.72	5.84
12/3/2002	119.4	349.99	3067.89	17.1
2/27/2003	123.79	580.9	2499.45	11.8
5/19/2003	112.54	215.6	1985.34	9.71
8/4/2003	239.49	485.84	2264.45	13.3
11/13/2003	262.27	644.36	1427.1	21.5
2/5/2004	156.83	672.01	1940.9	32.5
5/11/2004	75.99	890.36	1540.16	30.3
7/21/2004	253.29	555.2	2630.01	16.2
11/3/2004	189.73	789.72	826.19	16.4
1/20/2005	172.82	234.22	1449.75	17.1
4/20/2005	62.24	863.11		
8/9/2005	167.54			
NUDEP CRITERIA (changed 11/05)	1	700	1000	5
11/2/2005	113.35	539.24	2022.82	12.1
1/13/2006	188.42	891.12	2275.27	9.2
4/18/2006	94.02	635.14	610.92	7.72
7/25/2006	27.04	353.81	695	10.4
10/30/2006	5.34	186.28	351.65	5.12
2/1/2007	15.03	132.7	313.02	6.78
5/3/2007	14.6	333.76	695.9	11.8

ROAD (PAVED)	=====	WOODED AREA	~~~~~
ROAD/TRAILS (UNPAVED)	=====	TREE/BUSH	~~~~~
FENCE	-----x-----	LIGHT POLE	o
BUILDING	=====	UTILITY POLE	o
APPROXIMATE BOUNDARY	=====	BROOK/CREEK	~~~~~
BASE BOUNDARY	=====	MARSHY AREA	~~~~~
NOTES:			
= MONITORING WELL LOCATION			
0.00 = CLEANUP STANDARD EXCEEDANCE			
MM/DD/YYYY = LOW FLOW SAMPLING EVENT			
= Approximate Groundwater Flow Direction			
REV.	REVISIONS	APPROVED	DATE
DRAWN BY: MKH			
DATE DRAWN: 15 SEP 07			
CHECKED BY:			
DATE CHECKED:			
APPROVED BY:			
DATE APPROVED:			
DRAWING No.:			
FILE No.:			
SCALE: 1" = 60'			
SHEET 1 OF 1			
REV: A			