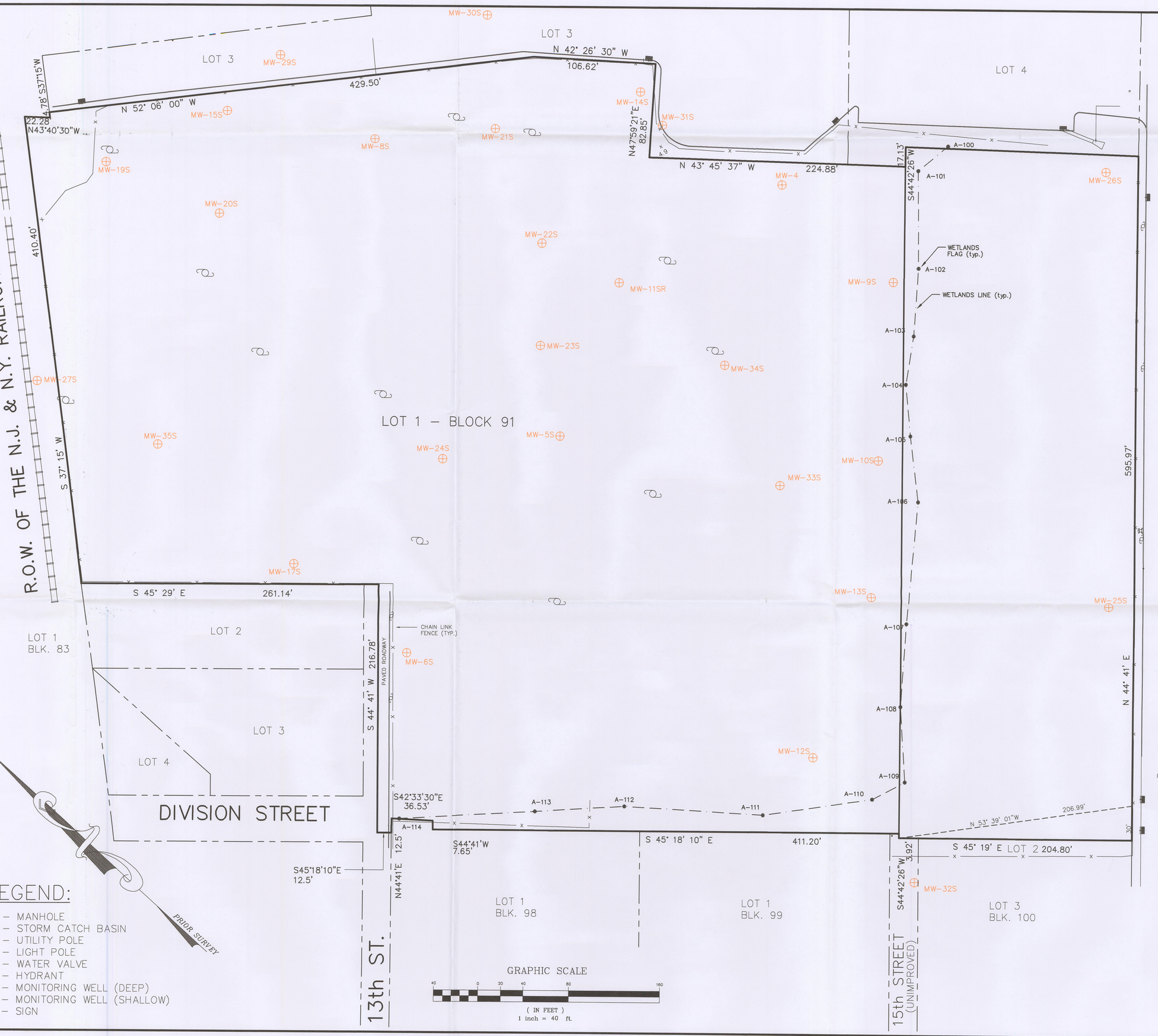

EGEND:

- MANHOLE
- STORM CATCH BASIN
- UTILITY POLE
- LIGHT POLE
- WATER VALVE
- HYDRANT
- MONITORING WELL (DEEP)
- MONITORING WELL (SHALLOW)
- SIGN

Sample #: / Field ID: / Lab ID: / Date Sampled: / Depth(ft):	HIGHER OF PQLs and GWQC (ug/L)	MW-4S 06447-002 07/23/2015		MW-5S 06541-001 07/24/2015		MW-11SR 06443-004 07/22/2015		MW-12S 06541-004 07/24/2015		MW-13SR 06447-005 07/23/2015		MW-22S 06541-007 07/24/2015		MW-23S 06541-014 07/24/2015	
Volatiles (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Vinyl chloride	1	ND		ND		ND		ND		ND		ND		6.75	
Chloroethane	5	ND		ND		ND		ND		ND		ND		8.57	
1,1-Dichloroethene	1	ND		ND		ND		ND		ND		ND		ND	
Acetone	6000	ND		15.3		5.57		17.4		ND		ND		10.4	
Carbon disulfide	700	ND		1.18		ND		ND		ND		ND		ND	
Methylene chloride	3	ND		ND		ND		ND		ND		ND		ND	
trans-1,2-Dichloroethene	100	ND		ND		ND		ND		ND		ND		ND	
1,1-Dichloroethane	50	ND		1.13		ND		ND		ND		ND		89.6	
cis-1,2-Dichloroethene	70	ND		ND		5.39		ND		ND		ND		28.5	
2-Butanone (MEK)	300	ND		3.39		1.38		11.5		2.42	D	ND		1.17	
Chloroform	70	ND		ND		ND		ND		ND		ND		ND	
Benzene	1	0.403	J	ND		ND		7.49		322	D	ND		ND	
Trichloroethene	1	ND		ND		0.755	J	ND		ND		ND		ND	
1,4-Dioxane	10	ND		ND		ND		173	J	ND		ND		ND	
Toluene	600	ND		ND		ND		ND		11.2	D	ND		ND	
2-Hexanone	300	ND		ND		ND		ND		ND		ND		ND	
Chlorobenzene	50	396	D	ND		3.40		1.88		ND		ND		ND	
Ethylbenzene	700	ND		ND		ND		ND		7.88	D	ND		1.23	
Total Xylenes	1000	ND		ND		ND		ND		60.6	D	ND		ND	
Isopropylbenzene	700	ND		ND		ND		ND		31.6	D	ND		ND	
1,3-Dichlorobenzene	600	ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	75	8.64		ND		ND		ND		ND		ND		ND	
1,2-Dichlorobenzene	600	2.34		ND		ND		ND		ND		ND		ND	
Cyclohexane	NS	ND		ND		ND		ND		2.38	DJ	ND		ND	
Methylcyclohexane	NS	ND		ND		ND		ND		2.21	D	ND		ND	
TOTAL VO's:	NS	407	JD	21.0		16.5	J	211	J	440	DDJ	ND		146	
TOTAL TIC's:	NS	34.5	J	92.7	JN	ND		310	JN	2810	DJN	20.8	JN	56.3	JN
TOTAL VO's & TIC's:	NS	442	JDJ	114	JN	16.5	J	521	JN	3250	DJDJ	20.8	JN	202	JN
NJ-EPH-C40 (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
C9-C40	NS	~		686		~		~		3040		~		1130	
Metals (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	
Antimony	6	~				~				31.8					
Lead	5	~				~				16.0					
Nickel	100	~		~		~		1810		23.3		~		~	
Zinc	2000	~				~				~					

Sample #: / Field ID: / Lab ID: / Date Sampled: / Depth(ft):	HIGHER OF PQLs and GWQC (ug/L)	MW-24S 06447-010 07/23/2015		MW-27S 06443-006 07/22/2015		MW-29S 06447-007 07/23/2015		MW-31S 06447-009 07/23/2015		MW-33S 06447-006 07/23/2015		MW-34S 06443-008 07/22/2015	
Volatiles (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Vinyl chloride	1	ND		196	D	ND		ND		ND		9010	D
Chloroethane	5	ND		ND		ND		ND		ND		ND	
1,1-Dichloroethene	1	ND		ND		ND		ND		ND		48.7	D
Acetone	6000	ND		854	D	ND		ND		ND		27.8	D
Carbon disulfide	700	ND		ND		ND		ND		ND		ND	
Methylene chloride	3	ND		ND		ND		ND		6350	D	ND	
trans-1,2-Dichloroethene	100	ND		ND		ND		ND		ND		10.8	D
1,1-Dichloroethane	50	ND		220	D	ND		ND		ND		ND	
cis-1,2-Dichloroethene	70	ND		265	D	ND		0.683	J	ND		1170	D
2-Butanone (MEK)	300	ND		ND		ND		ND		ND		4.50	DJ
Chloroform	70	ND		ND		ND		ND		1060	D	ND	
Benzene	1	ND		ND		2.80		5.99		6250	D	23.5	D
Trichloroethene	1	ND		ND		ND		ND		ND		ND	
1,4-Dioxane	10	ND		ND		ND		ND		ND		ND	
Toluene	600	1890	D	14800	D	11.9		3.36		58500	D	959	D
2-Hexanone	300	ND		ND		ND		ND		1620	D	ND	
Chlorobenzene	50	ND		59.3	D	2.66		3.94		ND		11.1	D
Ethylbenzene	700	12100	D	305	D	0.879	J	19.5		296	DJ	29.2	D
Total Xylenes	1000	78200	D	1560	D	1.97	J	63.0		3880	D	366	D
Isopropylbenzene	700	ND		ND		ND		ND		ND		14.5	D
1,3-Dichlorobenzene	600	ND		ND		0.506	J	ND		ND		ND	
1,4-Dichlorobenzene	75	ND		ND		0.574	J	0.419	J	ND		ND	
1,2-Dichlorobenzene	600	ND		ND		1.07		1.10		ND		ND	
Cyclohexane	NS	ND		ND		ND		ND		ND		ND	
Methylcyclohexane	NS	ND		ND		1.03		ND		ND		ND	
TOTAL VO's:	NS	92200	D	18300	D	23.4	J	98.0	J	78000	DDJ	11700	DJ
TOTAL TIC's:	NS	1280	DJN	ND		97.1	JN	70.2	J	ND		367	DJN
TOTAL VO's & TIC's:	NS	93500	DJN	18300	D	120	JN	168	J	78000	DDJ	12100	DJN
NJ-EPH-C40 (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
C9-C40	NS	41200	D	3530		2660	D	~		13400	D	2430	
Metals (ug/L)		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Antimony	6	~		~		~		~		~		119	
Lead	5	~		6.15		~		~		~		274	
Nickel	100	~		501		~		~		~		476	
Zinc	2000	~		~		~		~		~		1560	

NJDEP Class II-A Specific Ground Water Quality Criteria : Ground Water Quality Standards N.J.A.C. 7:9C, Nov 2005

BOLD Conc

NS = No Standard Available

~ = Sample not analyzed for

ND = Analyzed for but Not Detected at the MDL

J = Concentration detected at a value below the RL and above the MDL for target compounds. For non-target compounds (i.e. TICs), qualifier indicates estimated concentrations.

D = The compound w as reported from the Diluted analysis

N = Presumptive evidence of a compound from the use of GC/MS library search.

All qualifiers on individual Volatiles & Semivolatiles are carried dow n through summation.

ARSYNCO, INC.

GROUNDWATER RESULTS MAP SHALLOW ZONE (JULY 2015)

JMC ENVIRONMENTAL CONSULTANTS, INC.
2109 BRIDGE AVENUE, BUILDING B
POINT PLEASANT, NEW JERSEY 08742

SCALE	DATE	DRAWN BY	CHK'D BY	FIGURE:
1"=40'	05-04-2016		JMC	8