



MONITORING WELL DEVELOPMENT RECORD

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW9S
Field Personnel: Jennifer Rauth
Date Developed: 7/10/2003

Weather Conditions: Overcast, 75 degrees F, light wind, light rain.
Well Development Method: Peristaltic Pump

Depth to Water:	4.03 ft	Time Started:	08:40
Total Well Depth:	18.45 ft	Time Completed:	09:57
Height of Water Column:	14.42 ft	Notes: Field measurements taken at 09:00, 09:17, 09:27, and 09:53, respectively. Pumped at ~0.5 gallons/minute.	
Well Diameter:	4-inch		
Well Volume:	9.37 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~10 gallons	17.3	7.28	1.32	333
~19 gallons	16.9	7.29	0.913	188
~24 gallons	16.9	7.31	1.32	90
~37 gallons	17.1	7.35	1.31	49

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. Well was purged until a turbidity of <50 NTU was achieved.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____



Groundwater and
Environmental Services, Inc.

MONITORING WELL DEVELOPMENT RECORD

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW9D
Field Personel: Jennifer Rauth
Date Developed: 7/10/2003

Weather Conditions: Overcast, 75 degrees F, light wind, light rain.
Well Development Method: Jet pump

Depth to Water:	4.18 ft	Time Started:	08:43
Total Well Depth:	37.7 ft	Time Completed:	09:25
Height of Water Column:	33.52 ft	Notes: Field measurements taken at 09:05, 09:14 and 09:24, respectively. Pumped at ~1 gallon/minute.	
Well Diameter:	4-inch		
Well Volume:	21.79 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~22 gallons	17.6	7.27	1.35	487
~36 gallons	18.8	7.32	1.35	52
~47 gallons	18.6	7.25	0.93	25

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. Well was purged until a turbidity of <50 NTU was achieved.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____



Groundwater and
Environmental Services, Inc.

MONITORING WELL DEVELOPMENT RECORD

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW10
Field Personel: Jennifer Rauth
Date Developed: 7/8/2003

Weather Conditions: Sunny, 90 degrees F.
Well Development Method: Submersible and peristaltic pumps

Depth to Water:	4.71 ft	Time Started:	09:57
Total Well Depth:	17.5 ft	Time Completed:	13:37
Height of Water Column:	12.79 ft	Notes: Field measurements taken at 10:00, 10:03, 11:15, 12:13, 12:39, and 13:07, respectively.	
Well Diameter:	4-inch		
Well Volume:	8.31 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
	20.8	7.36	2.03	90
	19.6	7.48	2.15	450
	21.1	7.34	1.98	437
	20.0	7.43	2.13	N/A
	19.5	7.49	2.26	488
	19.7	7.45	2.18	273

Comments: Development water was drummed in a onsite 55-gallon drum. Generator ran out of gas, pumping stopped @10:05, pumping resumed @ 11:20. Submersible pump pumping too quickly, began well development with peristaltic pump at 12:10. <50NTU not achieved pumped for over 1 hour required time.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: Date:

**MONITORING WELL
DEVELOPMENT RECORD**

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW11S
Field Personnel: Jennifer Rauth
Date Developed: 7/8/2003

Weather Conditions: Sunny, 90 degrees F.
Well Development Method: Peristaltic Pump

Depth to Water:	4.34 ft	Time Started:	10:48
Total Well Depth:	19.2 ft	Time Completed:	12:45
Height of Water Column:	14.86 ft	Notes: Field measurements taken at 11:35, 12:13, and 12:41, respectively. Pumped at ~0.5 gallons/minute.	
Well Diameter:	4-inch		
Well Volume:	9.67 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~23.5 gallons	19.7	7.23	1.19	999
~42.5 gallons	23.9	6.5	1.07	101
~56.5 gallons	20.6	7.27	855	395

Comments: Development water was run through a carbon bucket and discharged on to ground surface. A turbidity of <50 NTU was not achieved, however well was developed longer then the 1 hour requirement.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____

**MONITORING WELL
DEVELOPMENT RECORD**

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW11D
Field Personnel: Jennifer Rauth
Date Developed: 7/10/2003

Weather Conditions: Overcast, 75 degrees F, light wind, light rain.
Well Development Method: Jet pump

Depth to Water:	4.36 ft	Time Started:	09:46
Total Well Depth:	39.6 ft	Time Completed:	10:23
Height of Water Column:	35.24	Notes: Field measurements taken at 10:00 and 10:20, respectively. Pumped at ~1 gallon/minute.	
Well Diameter:	4-inch		
Well Volume:	22.91 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~14 gallons	18.5	7.38	0.852	191
~34 gallons	18.8	7.28	1.24	30

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. Well was purged until a turbidity of <50 NTU was achieved.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____



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MONITORING WELL DEVELOPMENT RECORD

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW12
Field Personnel: Jennifer Rauth
Date Developed: 7/9/2003

Weather Conditions: Sunny, 85 degrees F.
Well Development Method: Peristaltic Pump

Depth to Water:	3.97 ft	Time Started:	09:02
Total Well Depth:	19.8 ft	Time Completed:	10:40
Height of Water Column:	15.83 ft	Notes: Field measurements taken at 09:20, 09:49, and 10:30, respectively. Pumped at ~0.5 gallons/minute.	
Well Diameter:	4-inch		
Well Volume:	10.29 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~9 gallons	19.7	7.47	1.26	102
~24 gallons	18.9	7.3	1.24	101
~44 gallons	18.6	7.2	1.25	100

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. A turbidity of <50 NTU was not achieved, however well was developed for over the 1 hour requirement.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____

**MONITORING WELL
DEVELOPMENT RECORD**

Standard Motor Products, Inc.
37-18 Northern Boulevard
Long Island City, New York

Well Number: MW13S
Field Personnel: Jennifer Rauth
Date Developed: 7/10/2003

Weather Conditions: Overcast, 75 degrees F, light wind, light rain.
Well Development Method: Peristaltic Pump

Depth to Water:	4.12 ft	Time Started:	11:32
Total Well Depth:	19.45 ft	Time Completed:	12:07
Height of Water Column:	15.33 ft	Notes: Field measurements taken at 11:45 and 12:04, respectively. Pumped at ~0.5 gallons/minute.	
Well Diameter:	4-inch		
Well Volume:	9.96 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~6.5 gallons	16.9	7.43	1.75	76
~16 gallons	16.3	7.27	1.74	36

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. Well was purged until a turbidity of <50 NTU was achieved.

Prepared by: Jennifer Rauth Date: 7/24/2003
Signature: _____ Date: _____

**MONITORING WELL
 DEVELOPMENT RECORD**

Standard Motor Products, Inc.
 37-18 Northern Boulevard
 Long Island City, New York

Well Number: MW13D
 Field Personel: Jennifer Rauth
 Date Developed: 7/10/2003

Weather Conditions: Overcast, 75 degrees F, light wind, light rain.
 Well Development Method: Jet Pump

Depth to Water:	3.76 ft	Time Started:	11:30
Total Well Depth:	38.4 ft	Time Completed:	12:10
Height of Water Column:	34.64 ft	Notes: Field measurements taken at 11:42 and 12:06, respectively. Pumped at ~1 gallon/minute.	
Well Diameter:	4-inch		
Well Volume:	22.52 gallons		

Well Volume Removed	Temperature(°C)	pH	Specific Conductance	Turbidity
~12 gallons	18.5	7.96	1.31	475
~36 gallons	17.1	7.47	0.944	17

Comments: Development water was run through a carbon bucket and discharged on to the ground surface. Well was purged until a turbidity of <50 NTU was achieved.

Prepared by: Jennifer Rauth Date: 7/24/2003
 Signature: _____ Date: _____