

TABLES

**Table 2-1
Summary of Newmark OU O&M - Extraction Wells**

Reporting Period: March 23, 2005 to April 30, 2005
System Operation Date: October 1, 2000
Operations Completed: 5 years and 7 months

Newmark North Plant Extraction Well Network (EW-6, EW-7, Newmark 3)	
Description Routine Maintenance Performed	Daily equipment checks performed (see DHS report), monthly hands on physical, annual oil change, semi-annual check of VFD
Description of Problems Encountered	Newmark 3 went down on March 25, 2005 due to motor failure. (Repairs completed in May)
Description of Process Improvements Implemented	None
Deviations from the Operational Requirements of the Consent Decree	None
Maintenance Days Claimed	There is no need to claim maintenance days until the Target Extraction Rate Requirements are in effect. This will occur when the Muscoy OU IRA is declared operational and functional.
Newmark Plume Front Extraction Well Network (EW-1, EW-2, EW-3, EW-4, EW-5)	
Description Routine Maintenance Performed	Daily equipment checks performed (see DHS report), monthly hands on physical, annual oil change, semi-annual check of VFD
Description of Problems Encountered	EW-3 went down on April 28, 2005 due to a failure of the variable frequency drive (VFD). The VFD was promptly scheduled for repair (repairs completed May 4, 2005).
Description of Process Improvements Implemented	None
Deviations from the Operational Requirements of the Consent Decree	None
Maintenance Days Claimed	There is no need to claim maintenance days until the Target Extraction Rate Requirements are in effect. This will occur when the Muscoy OU IRA is declared operational and functional.

**Table 2-2
Summary of Extraction Well Flow Data
March and April 2005**

March 2005

Extraction Well	Extracted Water Volumes (acre-ft)	Average Monthly Flow Rate (gpm)	Cumulative Volume Extracted ⁽¹⁾ (acre-ft)	Monthly Run Time (days)	Monthly Down Time (days)
Newmark North Plant Extraction Well Network					
EW-6	71.7	523	3,065	27.9	3.1
EW-7	184.5	1,347	6,161	31.1	0
Newmark #3	5.1	38	4,426	8.4	22.6
Network Total	261.4	1,908	13,652		
Newmark Plume Front Extraction Well Network					
EW-1	159.8	1,166	8,427	30.6	0.4
EW-2	180.4	1,317	9,666	31.0	0.0
EW-3	209.8	1,532	11,115	30.7	0.3
EW-4	192.0	1,402	10,288	31.1	0
EW-5	198.0	1,445	9,095	30.9	0.1
Network Total	940.1	6,862	48,592		

April 2005

Extraction Well	Extracted Water Volumes (acre-ft)	Average Monthly Flow Rate (gpm)	Cumulative Volume Extracted ⁽¹⁾ (acre-ft)	Monthly Run Time (days)	Monthly Down Time (days)
Newmark North Plant Extraction Well Network					
EW-6	53.3	402	3,119	20.8	10.2
EW-7	185.0	1,395	6,346	30.0	0.0
Newmark #3	46.1		4,472	30.0	1.0
Network Total	284.3	1,797	13,936		
Newmark Plume Front Extraction Well Network					
EW-1	170.9	1,289	8,598	28.9	1.1
EW-2	167.6	1,264	9,834	29.4	0.6
EW-3	178.5	1,346	11,294	26.0	4.1
EW-4	192.2	1,450	10,480	29.7	0.3
EW-5	203.1	1,532	9,298	29.7	0.3
Network Total	912.4	6,882	49,505		

Notes:

Per the terms of the Statement of Work, once Muscoy is declared O&F the City will be required to demonstrate flow compliance with each extraction well networks Target Extraction Rates considering the specified maintenance allowances. At such time the City will provide the supporting calculations in a tabular format.

(1) - Cumulative volume extracted since Newmark OU System Operations Date (October 1, 2000)

**Table 2-3
Extraction Well Monitoring Results - PCE and TCE
March and April 2005**

Extraction Well	Date Sampled	PCE Concentration (µg/L)	TCE Concentration (µg/L)
Newmark North Extraction Well Network			
EW-6	4/26/2005	3.4	<0.5
EW-7	4/26/2005	5.0	0.6
Newmark 3	4/26/2005	3.4	<0.5
Newmark Plume Front Extraction Well Network			
EW-1	4/26/2005	6.0	1.8
EW-2	4/26/2005	5.3	1.5
EW-3	4/26/2005	3.4	<0.5
EW-4	4/26/2005	1.6	0.5
EW-5	4/26/2005	<0.5	<0.5

Notes:

These data have been collected and validated using standard SBMWD protocol as required under SBMWDs DHS Permit. Once the project QA/QC Plan has been prepared and approved, SBMWD will adhere to the QA/QC plan when sampling the extraction wells and validating laboratory data.

NM - Not monitored during the reporting period