



ecology and environment, inc.

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International Specialists in the Environment

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NAS PENSACOLA
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November 3, 1992

Commanding Officer
Attn: (Code 1851)
Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive, P.O. Box 10068
Charleston, SC 29411-0068

Re: October 1992 **Monthly Operation and Maintenance Report on the Industrial Wastewater Treatment Plant (IWTP) Groundwater Remediation, Naval Air Station (NAS) Pensacola, Florida, Contract No. N62467-88-C-0200**

Dear Sir:

Ecology and Environment, Inc., (E & E) is pleased to submit a monthly operation and maintenance report on the IWTP groundwater remediation for the above-referenced project. The attached Table 1 contains a summary of recovery well pumping data collected by Kelly Environmental Drilling, Inc., (Kelly) for the month of October 1992. In addition, one copy of the report has been sent to Mr. Greg Campbell at the NAS Pensacola Public Works Center.

Based on Kelly's weekly inspections during October E & E has the following comments regarding the recovery well system:

- o On October 16 and 25, 1992, recovery well RW5 had to be reprimed due to lost suction which may have been caused by a build up of "limy sludge" around the intake of the foot valve.

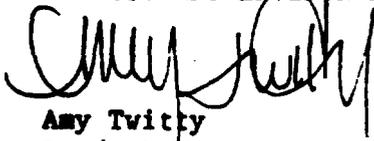
Overall, with exceptions noted above, the recovery well system functioned properly during the month of October 1992.

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As always, if there are any questions regarding this report or other
utters pertaining to this project, please feel free to contact me or
John Barksdale at (904)435-8925.

Sincerely,

ECOLOGY AND ENVIRONMENT, INC.



Amy Twitty
Project Manager

AT/mv/27:51

Attachment

cc: J. Yilcox; E & E--Buffalo/Central File UH9000
R. Rudy/G. Gallagher; E & E--Tallahassee/Central File
J. Barksdale; E & E--Pensacoh
C. Tronolone; E 6 E--Buffalo
H. Beiro; EnSafe--Memphis

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Table 1

**NAS PENSACOLA INDUSTRIAL WASTEWATER TREATMENT PLANT
RECOVERY WELL PUMPING DATA**

Pump Station	Date Inspected	Flowmeter Reading	Discharge Pressure (psi)	Suction Vacuum (inches Hg)	Total Flow (Gallons)	Cumulative Weekly Total (Gallons)
RW1, 2 and 3	10/4/92	815,210	0	18	53,390	
RW4, 6	10/4/92	2,725,190	0	22	77,970	
RW5	10/4/92	972,190	0	19	54,700	
RW7	10/4/92	1,364,220	0	23	41,230	227,290
RW1, 2 and 3	10/11/92	879,380	0	17	64,170	
RW4, 6	10/11/92	2,794,420	0	23	69,230	
RW5	10/11/92	1,018,290	0	22	46,100	
RW7	10/11/92	1,339,070	0	24	34,850	214,350
RW1, 2 and 3	10/16/92	923,820	0	19	44,440	
RW4, 6	10/16/92	2,842,710	0	21	48,290	
RW5	10/16/92	1,020,590	0	18	2,300	
RW7	10/16/92	1,422,420	0	25	23,350	118,380
RW1, 2 and 3	10/25/92	999,700	0	18	75,880	
RW4, 6	10/25/92	2,927,670	0	24	84,960	
RW5	10/25/92	1,059,870	0	20	39,280	
RW7	10/25/92	1,460,020	0	25	37,600	237,720
RW1, 2 and 3	10/31/92	1,054,990	0	19	55,290	
RW4, 6	10/31/92	2,993,610	0	23	65,940	
RW5	10/31/92	1,099,160	0	19	39,290	
RW7	10/31/92	1,487,700	0	24	27,610	111,200
TOTAL MONTHLY FLOW						985,940

NOTES:

- RW1, 2 and 3 - Pump station for recovery wells RW1, RW2, and RW3.
- RW4, 6 - Pump station for recovery wells RW4 and RW6.
- RW5 - Pump station for recovery well RW5.
- RW7 - Pump station for recovery well RW7.

Zero readings for discharge pressures are apparently the result of low back-pressure in discharge lines. The system and pressure gauges are believed to be functioning properly.