

*J. Noggle*

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**Date:** 12/15/05 5:09PM  
**Subject:** FW: Well Summaries

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**From:** Lavera, Ron  
**Sent:** Thursday, December 15, 2005 3:29 PM  
**To:** Croulet, Donald; Axelson, William L  
**Subject:** Well Summaries

Don

Would you please forward these to the NRC and DEC/DOH.

Thanks

Ron

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**On-Site Monitoring Wells Sorted by Date**  
**Executive Summary**  
12/15/05

<b>Date</b>	<b>ID</b>	<b>Location</b>	<b>Sample Results</b>
9/28-29/05	MW-107	NEM	ND/HTO
	MW-108	GT-1	ND/HTO
	MW-109	GT-1	ND/HTO
	MW-111	Transformer Yard	212,000 pCi/l HTO
10/5/05	MW-111	Transformer Yard	188,000 pCi/l HTO
10/6/05	U3-1	U3 Discharge Canal	417 pCi/l HTO
	U3-2	U3 Discharge Canal	960 pCi/l HTO
	U3-3	U3 Discharge Canal	439 pCi/l HTO
	U3-T1	U3 South Turbine	703 pCi/l HTO
	U3-T2	U3 North Turbine	1,590 pCi/l HTO
10/14/05	MW-111	Transformer Yard	682 pCi/l HTO (heavy rain)
	MW-111	Transformer Yard	632 pCi/l HTO (back-up)
10/21/05	MW-111	Transformer Yard	284,000 pCi/l HTO
10/21/05	U3-1	U3 Discharge Canal	ND/HTO
	U3-2	U3 Discharge Canal	ND/HTO
	U3-3	U3 Discharge Canal	ND/HTO
	U3-4	U3 Condensate Polisher	399 pCi/l HTO
	U3-T1	U3 South Turbine	ND/HTO
	U3-T2	U3 North Turbine	1,470 pCi/l HTO
10/28/05	MW-111	Transformer Yard	218,000 pCi/l HTO
	U3-1	U3 Discharge Canal	ND/HTO
	U3-2	U3 Discharge Canal	ND/HTO
	U3-3	U3 Discharge Canal	ND/HTO
	U3-4	U3 Condensate Polisher	405 pCi/l HTO
	U3-T1	U3 South Turbine	ND/HTO
	U3-T2	U3 North Turbine	1,280 pCi/l HTO
11/4/05	MW-111	Transformer Yard	302,000 pCi/l HTO
	U3-1	U3 Discharge Canal	ND/HTO
	U3-2	U3 Discharge Canal	ND/HTO
	U3-3	U3 Discharge Canal	ND/HTO
	U3-4	U3 Condensate Polisher	ND/HTO
	U3-T1	U3 South Turbine	ND/HTO
	U3-T2	U3 North Turbine	1,190 pCi/l HTO

**On-Site Monitoring Wells Sorted by Date**  
**Executive Summary**  
12/15/05

<b>Date</b>	<b>ID</b>	<b>Location</b>	<b>Sample Results</b>
11/3-4/05	MW-108 MW-109	GT-1 GT-1	ND/HTO ND/HTO
11/10/05	MW-111 U3-1 U3-2 U3-3 U3-4 U3-T1 U3-T2	Transformer Yard U3 Discharge Canal U3 Discharge Canal U3 Discharge Canal U3 Condensate Polisher U3 South Turbine U3 North Turbine	246,000 pCi/l HTO ND/HTO ND/HTO 471 pCi/l HTO ND/HTO 563 pCi/l HTO 1,640 pCi/l HTO
11/18/05	MW-111	Transformer Yard	171,000 pCi/l HTO
11/22/05	MW-111 U3-1 U3-2 U3-3 U3-4 U3-T1 U3-T2	Transformer Yard U3 Discharge Canal U3 Discharge Canal U3 Discharge Canal U3 Condensate Polisher U3 South Turbine U3 North Turbine	180,000 pCi/l HTO ND/HTO ND/HTO ND/HTO ND/HTO ND/HTO ND/HTO
12/02/05	MW-111	Transformer Yard	125,000 pCi/l HTO
12/02/05	U3-1 U3-2 U3-3 U3-4 U3-T1 U3-T2	U3 Discharge Canal U3 Discharge Canal U3 Discharge Canal U3 Condensate Polisher U3 South Turbine U3 North Turbine	ND/HTO ND/HTO ND/HTO ND/HTO 498 pCi/l HTO 1,329 pCi/l HTO
12/2/05	MW-38	End of IP-3 Discharge Canal Concrete	<b>15000 pCi/l HTO – False Positive due to sample contamination.</b>
12/5/05	MW-38	End of IP-3 Discharge Canal Concrete	ND/HTO
12/6/05	MW-38	End of IP-3 Discharge Canal Concrete	ND/HTO
12/08/05	MW-111 MH-3 MH-5 MH-6	Transformer Yard Transformer Yard Transformer Yard Transformer Yard	270,000 pCi/l HTO 894 pCi/l HTO 2,020 pCi/l HTO 37,100 pCi/l HTO
12/13/05	MW-34 MW-35	Transformer Yard Transformer Yard	63,900 pCi/l HTO 42,300 pCi/l HTO

**On-Site Monitoring Wells Sorted by Date**  
**Executive Summary**  
12/15/05

**Monitoring Wells / Locations Off-Site**

Date	Location	Results
10/18/05	Croton Reservoir Camp Field Reservoir	ND/HTO – Gamma ND/HTO – Gamma
10/20/05	Gypsum Algonquin 5 <sup>th</sup> Street Well	ND/HTO – Gamma ND/HTO – Gamma ND/HTO – Gamma
10/25/05	Rock Quarry	ND/HTO – Gamma
11/8/05	5 <sup>th</sup> Street Well	ND/HTO - Gamma
11/30/05	Gypsum Algonquin 5 <sup>th</sup> Street Well Rock Quarry Croton Reservoir Camp Field Reservoir	ND/HTO

**On-Site Monitoring Wells Sorted by Well Location  
Executive Summary  
December 15th**

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MH-3	12/8/2005	Transformer Yard	894 pCi/l HTO
MH-5	12/8/2005	Transformer Yard	2,020 pCi/l HTO
MH-6	12/8/2005	Transformer Yard	37,100 pCi/l HTO

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MW-30	11/22/2005	FSB Leakage Area - Note: Well development NOT completed	464,000 to 600,000 pCi/l HTO

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MW-34	12/13/2005	Transformer Yard	63,900 pCi/l HTO
MW-35	12/13/2005	Transformer Yard	42,300 pCi/l HTO

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MW-38	12/2/2005	End of IP-3 Discharge Canal Concrete	15000 pCi/l HTO – False Positive due to sample contamination.
MW-38	12/5/2005	End of IP-3 Discharge Canal Concrete	ND/HTO
MW-38	12/6/2005	End of IP-3 Discharge Canal Concrete	ND/HTO

**On-Site Monitoring Wells Sorted by Well Location  
Executive Summary  
December 15th**

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MW-111	9/28/2005	Transformer Yard	212,000 pCi/l HTO
MW-111	10/5/2005	Transformer Yard	188,000 pCi/l HTO
MW-111	10/14/2005	Transformer Yard	682 pCi/l HTO (heavy rain)
MW-111	10/14/2005	Transformer Yard	632 pCi/l HTO (back-up)
MW-111	10/21/2005	Transformer Yard	284,000 pCi/l HTO
MW-111	10/28/2005	Transformer Yard	218,000 pCi/l HTO
MW-111	11/4/2005	Transformer Yard	302,000 pCi/l HTO
MW-111	11/10/2005	Transformer Yard	246,000 pCi/l HTO
MW-111	11/18/2005	Transformer Yard	171,000 pCi/l HTO
MW-111	11/22/2005	Transformer Yard	180,000 pCi/l HTO
MW-111	12/02/2005	Transformer Yard	125,000 pCi/l HTO
MW-111	12/08/2005	Transformer Yard	270,000 pCi/l HTO

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
MW-107	9/28/2005	NEM	ND/HTO
MW-108	9/28/2005	GT-1	ND/HTO
MW-108	11/4/05	GT-1	ND/HTO
MW-109	9/28/2005	GT-1	ND/HTO
MW-109	11/04/2005	GT-1	ND/HTO

**On-Site Monitoring Wells Sorted by Well Location  
Executive Summary  
December 15th**

<b>ID</b>	<b>Date</b>	<b>Location</b>	<b>Sample Results</b>
U3-1	10/6/2005	U3 Discharge Canal	<b>417 pCi/l HTO</b>
U3-1	10/21/2005	U3 Discharge Canal	ND/HTO
U3-1	10/28/2005	U3 Discharge Canal	ND/HTO
U3-1	11/4/2005	U3 Discharge Canal	ND/HTO
U3-1	11/10/2005	U3 Discharge Canal	ND/HTO
U3-1	11/22/2005	U3 Discharge Canal	ND/HTO
U3-1	12/2/05	U3 Discharge Canal	ND/HTO
U3-2	10/6/2005	U3 Discharge Canal	<b>960 pCi/l HTO</b>
U3-2	10/21/2005	U3 Discharge Canal	ND/HTO
U3-2	10/28/2005	U3 Discharge Canal	ND/HTO
U3-2	11/4/2005	U3 Discharge Canal	ND/HTO
U3-2	11/10/2005	U3 Discharge Canal	ND/HTO
U3-2	11/22/2005	U3 Discharge Canal	ND/HTO
U3-2	12/2/05	U3 Discharge Canal	ND/HTO
U3-3	10/6/2005	U3 Discharge Canal	<b>439 pCi/l HTO</b>
U3-3	10/21/2005	U3 Discharge Canal	ND/HTO
U3-3	10/28/2005	U3 Discharge Canal	ND/HTO
U3-3	11/4/2005	U3 Discharge Canal	ND/HTO
U3-3	11/10/2005	U3 Discharge Canal	<b>471 pCi/l HTO</b>
U3-3	11/22/2005	U3 Discharge Canal	ND/HTO
U3-3	12/2/05	U3 Discharge Canal	ND/HTO
U3-4	10/21/2005	U3 Condensate Polisher	<b>399 pCi/l HTO</b>
U3-4	10/28/2005	U3 Condensate Polisher	<b>405 pCi/l HTO</b>
U3-4	11/4/2005	U3 Condensate Polisher	ND/HTO
U3-4	11/10/2005	U3 Condensate Polisher	ND/HTO
U3-4	11/22/2005	U3 Condensate Polisher	ND/HTO
U3-4	12/2/05	U3 Condensate Polisher	ND/HTO
U3-T1	10/6/2005	U3 South Turbine	<b>703 pCi/l HTO</b>
U3-T1	10/21/2005	U3 South Turbine	ND/HTO

**On-Site Monitoring Wells Sorted by Well Location  
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December 15th**

U3-T1	10/28/2005	U3 South Turbine	ND/HTO
U3-T1	11/4/2005	U3 South Turbine	ND/HTO
U3-T1	11/10/2005	U3 South Turbine	<b>563 pCi/l HTO</b>
U3-T1	11/22/2005	U3 South Turbine	ND/HTO
U3-T1	12/2/05	U3 South Turbine	<b>498 pCi/l HTO</b>
U3-T2	10/6/2005	U3 North Turbine	<b>1,590 pCi/l HTO</b>
U3-T2	10/21/2005	U3 North Turbine	<b>1,470 pCi/l HTO</b>
U3-T2	10/28/2005	U3 North Turbine	<b>1,280 pCi/l HTO</b>
U3-T2	11/4/2005	U3 North Turbine	<b>1,190 pCi/l HTO</b>
U3-T2	11/10/2005	U3 North Turbine	<b>1,640 pCi/l HTO</b>
U3-T2	11/22/2005	U3 North Turbine	ND/HTO
U3-T2	12/2/05	U3 North Turbine	<b>1,329 pCi/l HTO</b>



On-Site Monitoring Wells Sorted by Well Location  
Executive Summary  
December 15th

MW-111 Tritium

