

**From:** Mark Ring <sup>03</sup>  
**To:** Orth, Steven  
**Date:** Fri, Mar 3, 2006 10:10 AM  
**Subject:** Fwd: Tritium sampling data from Dresden

Steve & Wayne,

FYI: Note most wells decreasing. 2 (DSP-140 and DSP-125) spiked up. No explanation, yet. FYI

-Mark

**CC:** Slawinski, Wayne

C-50

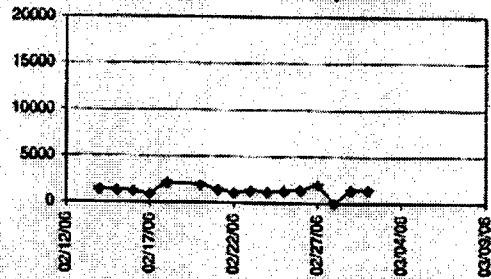
**From:** "DRC1@NRC.GOV" <drc1@nrc.gov>  
**To:** "MAR@NRC.GOV" <mar@nrc.gov>  
**Date:** Fri, Mar 3, 2006 9:58 AM

# Dresden Station - Groundwater Monitoring - Map 1 of 2

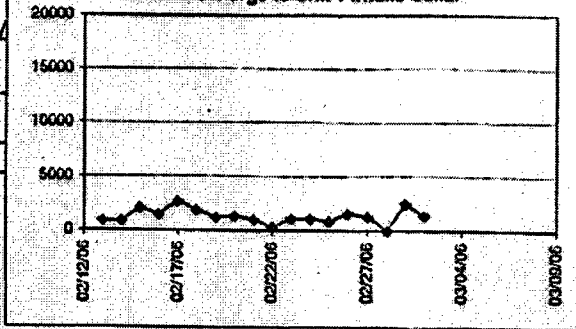
Short Term Monitoring Program Initiated 02-18-06

This data was printed on: 3/3/06 9:05 AM

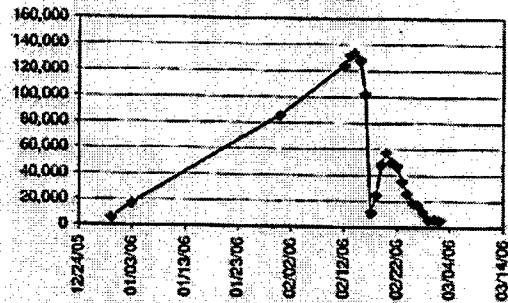
**DSP-131**  
Discharge from Oil Separator



**DSP-132:**  
Sewer Discharge to Unit 1 Intake Canal

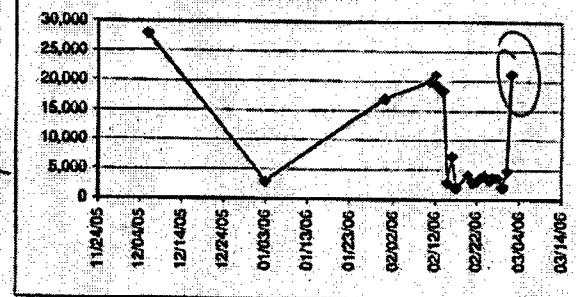


**Shallow Well - T6**

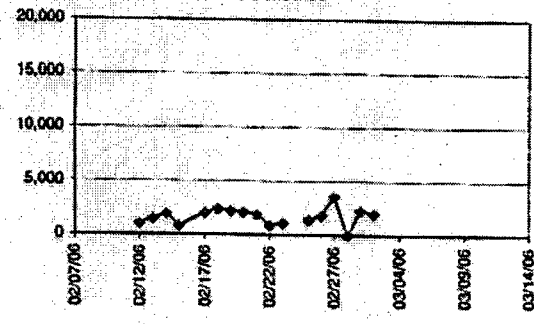


Ed Rowley x-3287

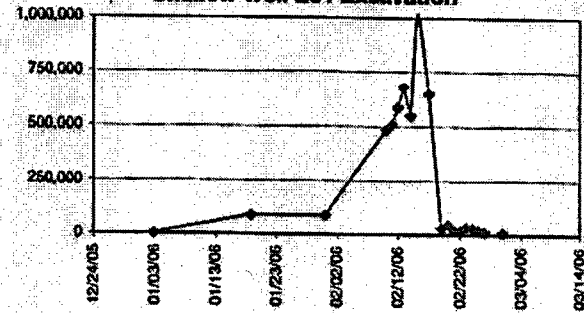
**DSP-140:**  
Sewer North of CSTs



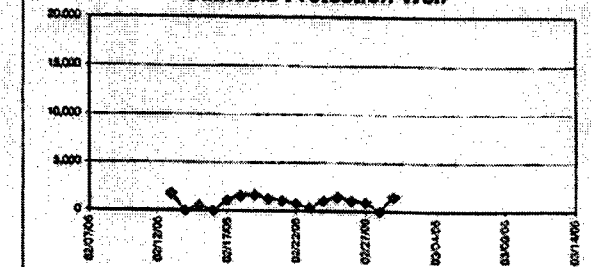
**Sewer K**



**Shallow Well E3 / Excavation**



**DSP-116**  
Cathodic Protection Well





Conversion to pCi/L from uCi/L is multiply uCi/L result from DCP 3220-01, Data Sheet 2 times 1E9.

### Tritium Data for Well Map 1

Sample 1 of 7 DSP-131		Sample 2 of 7 DSP-132		Sample 3 of 7 DSP-140		Sample 4 of 7 K		Sample 5 of 7 DSP-116		Sample 6 of 7 T6		Sample 7 of 7 E3	
Date	Activity	Date	Activity	Date	Activity	Date	Activity	Date	Activity	Date	Activity	Date	Activity
12/05/05		12/06/05		12/06/05	29000	02/12/06	1000	02/11/06		12/30/05	6000	01/03/06	6000
01/03/06		01/03/06		01/03/06	3000	02/13/06	1500	02/12/06		01/03/06	17000	01/19/06	89000
02/12/06		02/12/06		01/31/06	17000	02/14/06	1900	02/13/06	1800	01/31/06	86000	01/31/06	90000
02/13/06		02/13/06	900	02/11/06	20000	02/15/06	800	02/14/06	0	02/12/06	124000	02/10/06	486000
02/14/06	1400	02/14/06	900	02/12/06	21000	02/17/06	2000	02/15/06	600	02/13/06	131800	02/11/06	510000
02/15/06	1900	02/15/06	2100	02/13/06	19100	02/18/06	2400	02/16/06	0	02/14/06	134300	02/12/06	589000
02/16/06	1200	02/16/06	1500	02/14/06	18400	02/19/06	2200	02/17/06	1100	02/15/06	128300	02/13/06	680100
02/17/06	900	02/17/06	2700	02/15/06	2900	02/20/06	2100	02/18/06	1600	02/16/06	102300	02/14/06	550400
02/18/06	2100	02/18/06	1900	02/16/06	7300	02/21/06	1900	02/19/06	1700	02/17/06	11200	02/15/06	1069400
02/20/06	1900	02/19/06	1200	02/17/06	2100	02/22/06	900	02/20/06	1300	02/18/06	24800	02/17/06	653000
02/21/06	1400	02/20/06	1300	02/20/06	4200	02/23/06	1100	02/21/06	1100	02/19/06	48300	02/18/06	30000
02/22/06	1100	02/21/06	1800	02/21/06	3000	02/24/06		02/22/06	800	02/20/06	57600	02/20/06	47600
02/23/06	1500	02/22/06	300	02/22/06	3200	02/25/06	1400	02/23/06	400	02/21/06	50100	02/21/06	19500
02/24/06	1200	02/23/06	1100	02/23/06	3600	02/26/06	1600	02/24/06	1100	02/22/06	47100	02/22/06	17100
02/25/06	1900	02/24/06	1100	02/24/06	4100	02/27/06	3600	02/25/06	1500	02/23/06	35000	02/23/06	36500
02/26/06	1400	02/25/06	900	02/25/06	3300	02/28/06	0	02/26/06	1100	02/24/06	26000	02/24/06	32000
02/27/06	2000	02/26/06	1600	02/26/06	3600	03/01/06	2300	02/27/06	900	02/25/06	19000	02/25/06	21800
02/28/06	0	02/27/06	1300	02/27/06	3600	03/02/06	2000	02/28/06	0	02/26/06	17000	02/26/06	13000
03/01/06	1400	02/28/06	0	02/28/06	2100	03/03/06		03/01/06	1500	02/27/06	11800	02/27/06	
03/02/06	1400	03/01/06	2500	03/01/06	4800	03/04/06		03/02/06		02/28/06	6300	02/28/06	
03/03/06		03/02/06	1400	03/02/06	21100	03/05/06		03/03/06		03/01/06	8500	03/01/06	11800
03/04/06		03/03/06		03/03/06		03/06/06		03/04/06		03/02/06	5600	03/02/06	
03/05/06		03/04/06		03/04/06		03/07/06		03/05/06		03/03/06		03/03/06	
03/06/06		03/05/06		03/05/06		03/08/06		03/06/06		03/04/06		03/04/06	
03/07/06		03/06/06		03/06/06		03/09/06		03/07/06		03/05/06		03/05/06	
		03/07/06						03/08/06		03/06/06		03/06/06	

### Tritium Data for Well Map 2

THIS IS  
one of the  
5-7 bad  
wells

Sample 8 of 13 E8		Sample 9 of 13 E9		Sample 10 of 13 E10		Sample 11 of 13 DSP-124		Sample 12 of 13 CST Tank		Sample 13 of 13 DSP-125	
Date	Activity	Date	Activity	Date	Activity	Date	Activity	Date	Activity	Date	Activity
12/05/05		12/06/05	5000	12/06/05	28000	11/29/05	37200	11/29/05		11/29/05	
01/03/06		01/03/06	2000	01/03/06	3000	02/16/06	9300	02/13/06	738000	02/13/06	1500
02/12/06		02/12/06	2000	01/31/06	17000	02/17/06	12000	02/14/06	7359000	02/14/06	
02/13/06		02/13/06	1400	02/11/06	20000	02/18/06	12200	02/15/06		02/15/06	
02/14/06	2700	02/14/06	1800	02/12/06	5000	02/19/06	10300	02/16/06		02/16/06	
02/16/06	1900	02/15/06		02/13/06	6300	02/20/06	9800	02/17/06		02/17/06	
02/20/06	2500	02/16/06		02/14/06	6200	02/21/06	9500	02/18/06		02/18/06	
02/21/06	2800	02/17/06		02/15/06	4700	02/22/06	11100	02/19/06		02/19/06	
02/22/06	2400	02/18/06		02/16/06		02/23/06	9700	02/20/06		02/20/06	
02/23/06	2900	02/19/06		02/17/06		02/24/06	9600	02/21/06		02/21/06	
02/24/06	2600	02/20/06		02/18/06		02/25/06	8700	02/22/06		02/22/06	
02/25/06	2900	02/21/06		02/19/06		02/26/06	8200	02/23/06		02/23/06	
02/26/06	2600	02/22/06		02/20/06		02/27/06	8900	02/24/06		02/24/06	
02/27/06		02/23/06		02/21/06		02/28/06	6800	02/25/06		02/25/06	
02/28/06		02/24/06		02/22/06		03/01/06	9200	02/26/06		02/26/06	
03/01/06		02/25/06		02/23/06		03/02/06	9000	02/27/06		02/27/06	
03/02/06		02/26/06		02/24/06		03/03/06		02/28/06		02/28/06	
03/03/06		02/27/06		02/25/06		03/04/06		03/01/06		03/01/06	1800
03/04/06		02/28/06		02/26/06		03/05/06		03/02/06		03/02/06	11400
03/05/06		03/01/06		02/27/06		03/06/06		03/03/06		03/03/06	
03/06/06		03/02/06		02/28/06		03/07/06		03/04/06		03/04/06	
03/07/06		03/03/06		03/01/06		03/08/06		03/05/06		03/05/06	
		03/04/06		03/02/06		03/09/06		03/06/06		03/06/06	
		03/05/06		03/03/06				03/07/06		03/07/06	
		03/06/06		03/04/06				03/08/06		03/08/06	
		03/07/06		03/05/06				03/09/06		03/09/06	

Mark,

The licence does not know why these two wells spiked.

*Dean*