

# Field Data Sheet

## General Information

Site Name: <i>Daves Animals</i>	IIS Number: <i>70001</i>
Sampler (Print): <i>Chuck Roast</i>	Sampler (License #): <i>6531</i>
Monitoring Well Number: <i>MW-1</i>	Well Registration Number: <i>6-01230</i>
Sample ID Number (must match Chain of Custody): <i>1</i>	Date: <i>2/3/05</i>
Weather Conditions: <i>Sunny + Calm</i>	
Top of Casing (TOC) Elev.: <i>103.79</i>	Description of Top of Casing (TOC) mark: <i>V-notch on north side</i>

## Groundwater Measurements and Purge Calculations

TABLE

Volume of Well Pipe

Depth to bottom of casing from TOC (0.00 feet):	<i>39.07</i>				
Depth to water from TOC (0.00 feet):	<i>12.68</i>				
Depth to bottom of casing - Depth to water	<i>26.39</i>	A			
Casing diameter (inches): <i>2"</i>					
Gallons/Linear Foot (Refer to Table)	<i>0.17</i>	B			
Well volume (gallons) = A x B	<i>4.48</i>	C			
3 times well volume (gallons) = 3 x C	<i>13.44</i>				
5 times well volume (gallons) = 5 x C	<i>22.50</i>			Actual water purged: <i>15 gallons</i>	
Groundwater measurement equipment used: <i>electronic water indicator</i>					
Purge equipment used (bailer, pump, etc.): <i>bailer</i> <input type="checkbox"/> Dedicated <input checked="" type="checkbox"/> Non Dedicated					
Well evacuated to Dryness <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					

## Purge Parameters

Time	Temp. C or (F)	pH	Specific Conductivity (umhos)	Approximate gallons purged	Observations (clear, cloudy, odors)
<i>9:30a</i>	<i>54</i>	<i>7.6</i>	<i>650</i>	<i>5</i>	<i>cloudy</i>
<i>9:40a</i>	<i>53</i>	<i>7.4</i>	<i>625</i>	<i>10</i>	<i>clear</i>
<i>9:50a</i>	<i>53</i>	<i>7.3</i>	<i>630</i>	<i>15</i>	<i>clear</i>

## Stabilized groundwater sample parameters

Time	Temp. C or (F)	pH	Specific Conductivity (umhos)	Appearance (clear, cloudy, color)	Preservatives	
<i>10:01a</i>	<i>53</i>	<i>7.4</i>	<i>630</i>	<i>Clear</i>	Analysis	Preservative
					<i>Nitrate</i>	<i>H2SO4</i>
					<i>Ammonia</i>	<i>H2SO4</i>

NOTES:

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## General Information

Site Name:		IIS Number:	
Sampler (Print):		Sampler (License #):	
Monitoring Well Number:		Well Registration Number:	
Sample ID Number (must match Chain of Custody):			Date:
Weather Conditions:			
Top of Casing (TOC) Elev.:	Description of Top of Casing (TOC) mark:		

## Groundwater Measurements and Purge Calculations

**TABLE**

**Volume of Well Pipe**

Depth to bottom of casing from TOC (0.00 feet):					
Depth to water from TOC (0.00 feet):		=			
Depth to bottom of casing - Depth to water			<b>A</b>	Diameter	Gallons/Linear Foot
Casing diameter (inches):				2"	0.17
Gallons/Linear Foot (Refer to Table)			<b>B</b>	3"	0.38
Well volume (gallons) = <b>A x B</b>			<b>C</b>	4"	0.66
3 times well volume (gallons) = <b>3 x C</b>				6"	1.5
5 times well volume (gallons) = <b>5 x C</b>				8"	2.6
			Actual water purged:		
Groundwater measurement equipment used:					
Purge equipment used (bailer, pump, etc.): _____ Dedicated _____ Non Dedicated					
Well evacuated to Dryness <input type="checkbox"/> Yes <input type="checkbox"/> No					

## Purge Parameters

Time	Temp. C or F	pH	Specific Conductivity (umhos)	Approximate gallons purged	Observations (clear, cloudy, odors)

## Stablized groundwater sample parameters

Time	Temp. C or F	pH	Specific Conductivity (umhos)	Appearance (clear, cloudy, color)	Preservatives	
					Analysis	Preservative

**NOTES:**

## Groundwater Monitoring Results Report

Site Name <i>Daves Animals</i>	IIS # <i>70001</i>	Sampling Date <i>2/3/05</i>	Name of Sampler <i>Chuck Roast</i>	Sampler License # <i>6531</i>	Laboratory <i>Black Lab</i>
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Lab #	Well #	Sample #	Stabilized Temp (F/C)	Stabilized pH	Stabilized Conductivity (ohms)	Nitrate (ppm)	Ammonia (ppm)	Chloride (ppm)
<i>9067</i>	<i>MW-1</i>	<i>1</i>	<i>53</i>	<i>7.4</i>	<i>630</i>	<i>2.3</i>	<i>0.12</i>	<i>12</i>
<i>9068</i>	<i>MW-2</i>	<i>2</i>	<i>52</i>	<i>7.5</i>	<i>750</i>	<i>0.1</i>	<i>&lt;0.01</i>	<i>17</i>
<i>9069</i>	<i>MW-3</i>	<i>3</i>	<i>53</i>	<i>7.3</i>	<i>600</i>	<i>1.2</i>	<i>0.04</i>	<i>21</i>
<i>9070</i>	<i>Dupl. (MW-1)</i>	<i>4</i>	<i>53</i>	<i>7.4</i>	<i>630</i>	<i>2.2</i>	<i>0.14</i>	<i>13</i>
<i>9071</i>	<i>Blank</i>	<i>5</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>&lt;0.1</i>	<i>&lt;0.01</i>	<i>&lt;1</i>

Well #	NDNR Registration Number	Top of Casing Elev. (feet)	Depth to Water (feet)	Water Elevation	Amount Purged (gallons)
<i>MW-1</i>	<i>G-01230</i>	<i>103.79</i>	<i>12.68</i>	<i>91.11</i>	<i>15</i>
<i>MW-2</i>	<i>G-01231</i>	<i>102.68</i>	<i>10.07</i>	<i>92.61</i>	<i>15</i>
<i>MW-3</i>	<i>G-01232</i>	<i>101.53</i>	<i>11.39</i>	<i>90.14</i>	<i>15</i>

Parameter	EPA Method	Detection Limit (ppm)	Reporting Limit (ppm)
<i>Nitrate</i>	<i>353.2</i>	<i>0.05</i>	<i>0.1</i>
<i>Ammonia</i>	<i>351.2</i>	<i>0.01</i>	<i>0.01</i>
<i>Chloride</i>	<i>4500C2-B</i>	<i>0.5</i>	<i>1</i>

# Groundwater Monitoring Results Report

Site Name	IIS #	Sampling Date	Name of Sampler	Sampler License #	Laboratory
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Lab #	Well #	Sample #	Stabilized Temp. F/C	Stabilized pH	Stabilized Conductivity (ohms)	Nitrate (ppm)	Ammonia (ppm)	Chloride (ppm)

Well #	NDNR Registration Number	Top of Casing Elev. (feet)	Depth to Water (feet)	Water Elevation	Amount Purged (gallons)

Parameter	EPA Method	Detection Limit (ppm)	Reporting Limit (ppm)

## Chain of Custody

Site Name		IIS #		Parameters and Lab Methods							
Sampler (Print)		Sampler (Signature)		Sampler (License #)		Nitrate	Ammonia	Chloride			
(Lab Use) Lab Number	Sample ID Number	Date	Time	Media	Number of Containers	353.2	351.2	4500Cl-B	Preservation	Remarks	
9067	1	2/3/05	10:01a	Water	1	X	X	X	X	H <sub>2</sub> SO <sub>4</sub> for N+NH <sub>4</sub>	
9068	2	2/3/05	11:09a	↓	1	X	X	X	X	↓	
9069	3	2/3/05	1:10p		1	X	X	X	X		
9070	4	2/3/05	10:10a		1	X	X	X	X		
9071	5	2/3/05	8:30a		1	X	X	X	X		
Relinquished By: (Signature)		Date/Time		Relinquished By: (Signature)				Date/Time			
(Print)		Company		(Print)				Company			
Received By: (Signature)		Date/Time		Received By: (Signature)				Date/Time			
(Print)		Company		(Print)				Company			

NOTES:

# Chain of Custody

Site Name		IIS #						Parameters and Lab Methods					
Sampler (Print)		Sampler (Signature)		Sampler (License #)									
(Lab Use) Lab Number	Sample ID Number	Date	Time	Media	Number of Containers					Preservation	Remarks		
Relinquished By: (Signature)		Date/Time						Relinquished By: (Signature)		Date/Time			
(Print)		Company						(Print)		Company			
Received By: (Signature)		Date/Time						Received By: (Signature)		Date/Time			
(Print)		Company						(Print)		Company			

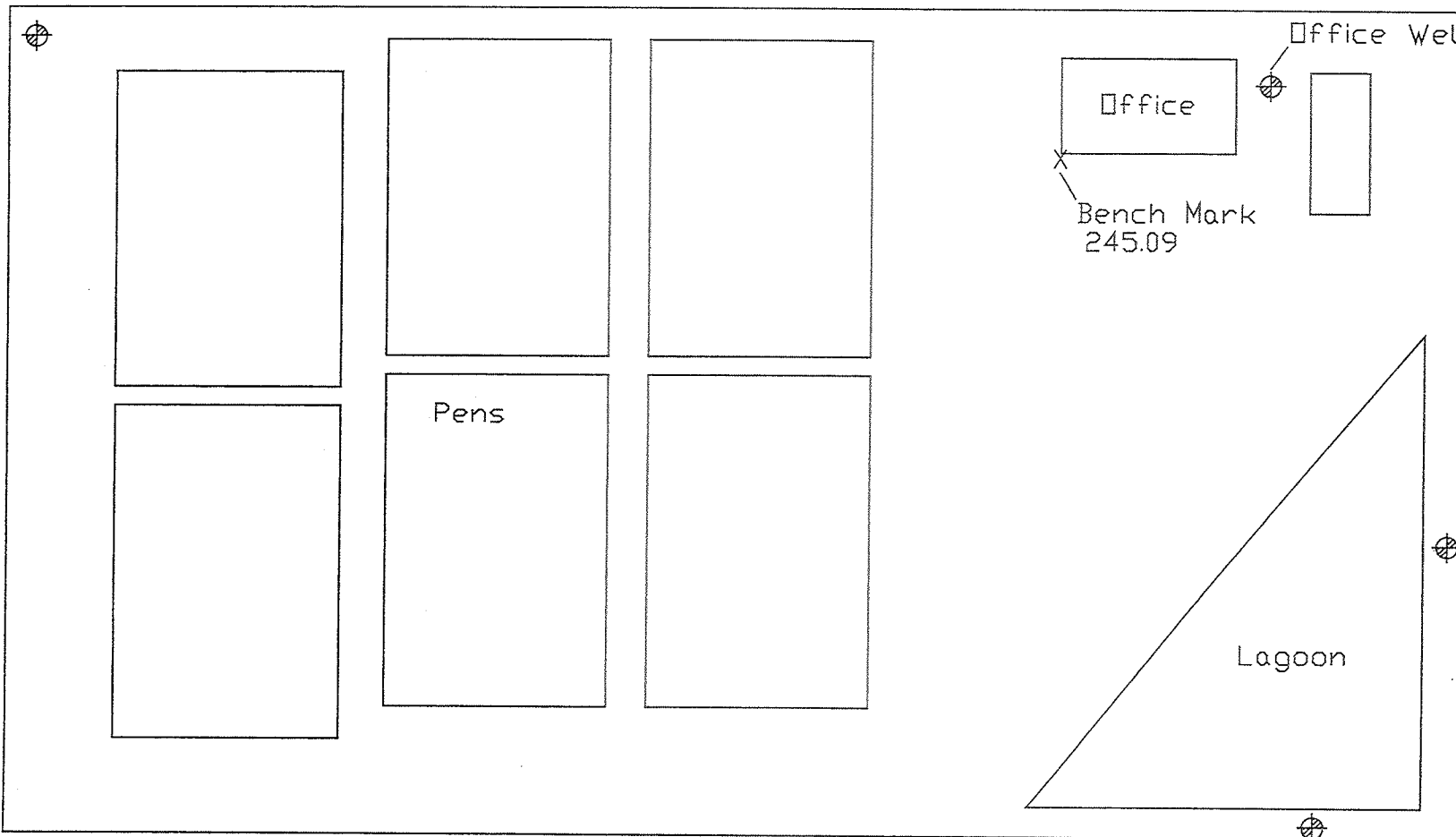
**NOTES:**

# Site Plan



NORTH

MW-1  
TDC Elev. 238.45  
Water Elev. 199.87



MW-2  
TDC Elev. 230.02  
Water Elev. 198.64

MW-3  
TDC Elev. 233.12  
Water Elev. 198.63

