

**MWH**

MONTGOMERY WATSON HARZA

**CON 12-15****Doc #16517**CON 12:15 SIMPLOT -  
SAC CITY

CL 11/5/02

2001 JUL 30 P 12:1  
DEPT. OF  
NATURAL RESOURCES

July 18, 2001

Dr. Calvin Lundberg  
Solid Waste Section  
Iowa Department of Natural Resources  
Wallace State Office Building  
Des Moines, IA 50319

MW #1912160.0101

RE: Sixth Annual Groundwater Sampling Results  
J.R. Simplot Company Facility  
Sac City, Iowa

Dear Dr. Lundberg:

This letter documents results from the sixth annual groundwater sampling event completed at the J.R. Simplot Company (Simplot) Sac City, Iowa facility. Simplot initiated annual groundwater monitoring in 1996, following one year of quarterly monitoring. A revised sampling network consisting of MW-4, MW-5, and MW-8 was agreed to in a May 14, 1998 meeting between Simplot and the Iowa Department of Natural Resources (IDNR). Monitoring well locations are shown in Figure 1. The site is currently closed and no agricultural chemicals are stored at the facility.

Monitoring wells that were not part of the revised monitoring network were properly abandoned in 1998. Documentation of well abandonment was provided to the IDNR previously.

On June 12, 2001 personnel from Simplot and Montgomery Watson Harza (MWH) were on site to collect groundwater samples from monitoring wells included in the revised monitoring network. Due to difficulty the laboratory had when analyzing nitrogen phosphorous pesticides in the samples collected from MW-4 and MW-8, MWH personnel revisited the site on June 28, 2001 to resample groundwater from these wells.

### Groundwater Flow Directions

Water table elevations were measured at three wells (MW-4, MW-5, and MW-8) and recorded prior to purging the wells in preparation for sampling. Figure 1 presents groundwater contours constructed using this data. Based on the groundwater elevations at these three wells, shallow groundwater flow during the sampling event appears to have

been influenced by the drainage tile inlet located near MW-4. During relatively dry periods the tile inlet probably drains a localized area creating a slight depression in the shallow water table resulting in radial flow toward the inlet area. During past groundwater monitoring events, which included water level measurements from additional wells on site, shallow groundwater flow was generally southeast or southwest, again with localized influence in the area around MW-4 and the tile inlet. A summary page of groundwater monitoring well gauging data is provided in Attachment A.

### **Groundwater Sample Collection**

Prior to collecting samples for laboratory analysis, approximately three well volumes of water were purged from each well in order to ensure a representative sample. Purging and sampling were conducted using dedicated Waterra foot valves and high density polyethylene (HDPE) tubing. Disposable nitrile gloves were worn and changed between wells during purging and sampling activities to prevent cross-contamination.

All water samples were properly preserved on ice in coolers and submitted, along with chain-of-custody documentation, to Keystone Laboratories, Inc. (Keystone) in Newton, Iowa for analyses. Analytes for MW-4 and MW-8 consisted of nitrate-nitrogen, and nitrogen and phosphorous insecticides and herbicides. MW-5 was analyzed for nitrate-nitrogen only. Analyses were conducted using IDNR and United States Environmental Protection Agency-approved analytical methods. Current and prior laboratory results are summarized in Table 1. IDNR action levels are also included for reference. Copies of laboratory analytical reports and associated chain-of-custody documentation are provided in Attachment B.

### **Evaluation of Analytical Data**

The following lists the monitoring well(s), and trends for those analytes, which exceeded the corresponding IDNR action level during the 2001 sampling event:

- **Alachlor in MW-4 and MW-8:** Concentrations in MW-4 and MW-8 continue to exceed the IDNR action level, but exhibit steady to declining trends.
- **Cyanazine in MW-4 and MW-8:** Cyanazine concentrations in MW-4 and MW-8 continue to exceed the IDNR action level, but exhibit steady to declining trends.

- **Metolachlor in MW-4:** The metolachlor concentrations in MW-4 have been relatively stable since 1999 at levels exceeding the IDNR action level. The levels at MW-8 have been below the IDNR action level since 1996 and demonstrate an overall declining trend.
- **Nitrate-Nitrogen in MW-4, MW-5, and MW-8:** Nitrate-nitrogen levels continue to exceed IDNR action levels in MW-4, MW-5, and MW-8. The concentration at MW-4 increased relative to the 2000 sampling event, while the nitrate-nitrogen levels in MW-5 and MW-8 were comparable to levels in the 2000 sampling event.

If you have any questions concerning these sampling results, please contact Ed Cranson of Simplot at 970-542-0034, Mike Geringer, or me.

Sincerely,



Rob Malcomson  
Project Manager

/rsm:vas

Attachments

cc: Ed Cranson, J.R. Simplot Company

TABLE 1  
GROUNDWATER ANALYTICAL RESULTS  
J.R. SIMPLOT COMPANY  
SAC CITY, IOWA

Well No.	Date	Alachlor (Lasso) <sup>a</sup> (µg/L)	Atrazine (Aatrex) (µg/L)	Cyanazine (Bladex) (µg/L)	EPTC (Eradicane) (µg/L)	Metolachlor (Dual) (mg/L)	Nitrogen, Nitrate <sup>b</sup> (mg/L)
MW-4	05-02-90	460	29	400	47	1,100	150
	07-16-91	220	5.2	51	13	490	88
	11-10-92	288	18.4	80.9	26.5	735	29
	02-21-94	170	13.1	20.1	21.8	525	42
	05-17-95	70.8	9.6	15.2	12.3	445	64
	08-28-95	150	11	14.5	9.0	615	59.1
	11-09-95	115	10.1	2.2	16.3	478.8	49.8
	Duplicate	87.2	10.1	12.9	16.4	324.7	50
	02-22-96	103.	7.9	15.3	15.9	495	59
	Duplicate	108	7.68	14.9	15.6	500	55
	06-29-96	71.3	7.9	12.5	7.9	614	99.2
	Duplicate	63.8	8.1	13.4	8.5	574	98.7
	6-11-97	80.9	6.4	9.2	16.7	676	100
	04-01-98	100	3.9	5.9	16.5	1190	170
	06-23-99	21.4	3.0	5.9	4.7	231	50
	06-14-00	57.1	4.05	7.87	13.2	375	63
	06-12-01	20.5	1.5	4.2	8.4	248	152
MW-5	05-02-90	5.9	<1.9	3.3	<14	<1.9	200
	07-16-91	130	2.8	4	<10	160	210
	11-10-92	74.3	5.9	15.1	1.7	44.7	320
	02-21-94	9.4	0.7	<0.1	0.4	16.9	11
	05-17-95	80.1	4	8	6	141	159
	08-28-95	40.4	2.1	0.9	0.4	36.6	311
	Duplicate	40.4	2.1	0.9	0.4	36.4	307
	11-09-95	32	3	1.9	0.9	30.9	212.4
	02-22-96	10.7	1.2	0.8	0.6	37.2	155
IDNR Action Levels <sup>c</sup>		0.4	3.0	1.0	200.0	100.0	10.0

Ch 137 protected/  
non-prot

2/44

3/1200

1 / 70

70/5300

10/56

µg/l

mg/l



TABLE 1 (CONTINUED)

GROUNDWATER ANALYTICAL RESULTS  
J.R. SIMPLOT COMPANY  
SAC CITY, IOWA

Well No.	Date	Alachlor (Lasso) <sup>a</sup> (µg/L)	Atrazine (Aatrex) (µg/L)	Cyanazine (Bladex) (µg/L)	EPTC (Eradicane) (µg/L)	Metolachlor (Dual) (mg/L)	Nitrogen, Nitrate <sup>b</sup> (mg/L)
MW-5 (Continued)	06-29-96	<b>34</b>	1.6	<b>1.1</b>	0.5	81.6	<b>77</b>
	06-11-97	<b>12.7</b>	1	0.3	0.2	24.9	<b>220</b>
	04-01-98	<b>6</b>	0.4	<0.1	0.2	7.7	<b>350</b>
	Duplicate	<b>6</b>	0.4	<0.1	0.2	8.4	<b>350</b>
	06-23-99	-	-	-	-	-	<b>57.4</b>
	06-14-00	-	-	-	-	-	<b>141</b>
	06-12-01	-	-	-	-	-	<b>146</b>
MW-8	11-10-92	<b>75.6</b>	<b>5.5</b>	<b>64.6</b>	3.9	<b>139</b>	<b>21</b>
	Duplicate	<b>76.0</b>	<b>5.2</b>	<b>62.2</b>	3.5	<b>140</b>	<b>21</b>
	02-21-94	<b>32.8</b>	<b>6.4</b>	<b>16.8</b>	3.7	93.1	<b>28</b>
	05-17-95	<b>9.2</b>	2.3	<b>9.6</b>	0.8	56.3	<b>48</b>
	Duplicate	<b>10.1</b>	2.5	<b>10.1</b>	0.8	56.7	<b>50</b>
	08-28-95	<b>19.3</b>	<b>4.0</b>	<b>12.7</b>	1.1	<b>137</b>	<b>30.8</b>
	11-09-95	<b>21.1</b>	<b>8.1</b>	<b>13.2</b>	1.2	90.8	<b>26.2</b>
	02-22-96	<b>14.5</b>	<b>3.67</b>	<b>10.2</b>	1.1	<b>143</b>	<b>35</b>
	06-29-96	<b>3.4</b>	<0.1	<b>6.7</b>	0.4	<b>113</b>	<b>25</b>
	06-11-97	<b>8</b>	2.3	<b>5.2</b>	0.5	56.5	<b>43</b>
	04-01-98	<b>3.7</b>	1.9	<b>6.4</b>	0.4	71	<b>33</b>
	06-23-99	<b>5.6</b>	<0.1	<b>5.7</b>	1.3	90.9	<b>35.5</b>
	06-14-00	<b>4.3</b>	1.47	<b>4.96</b>	2.43	65.9	<b>38</b>
	06-12-01	<b>1.8</b>	0.6	<b>2.8</b>	0.6	39.1	<b>23.0</b>
IDNR Action Levels <sup>c</sup>		0.4	3.0	1.0	200.0	100.0	10.0

**Note:** Highlighted entries indicate concentrations above Iowa Department of Natural Resources (IDNR) Action Levels.

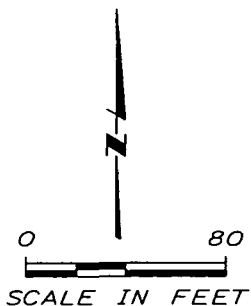
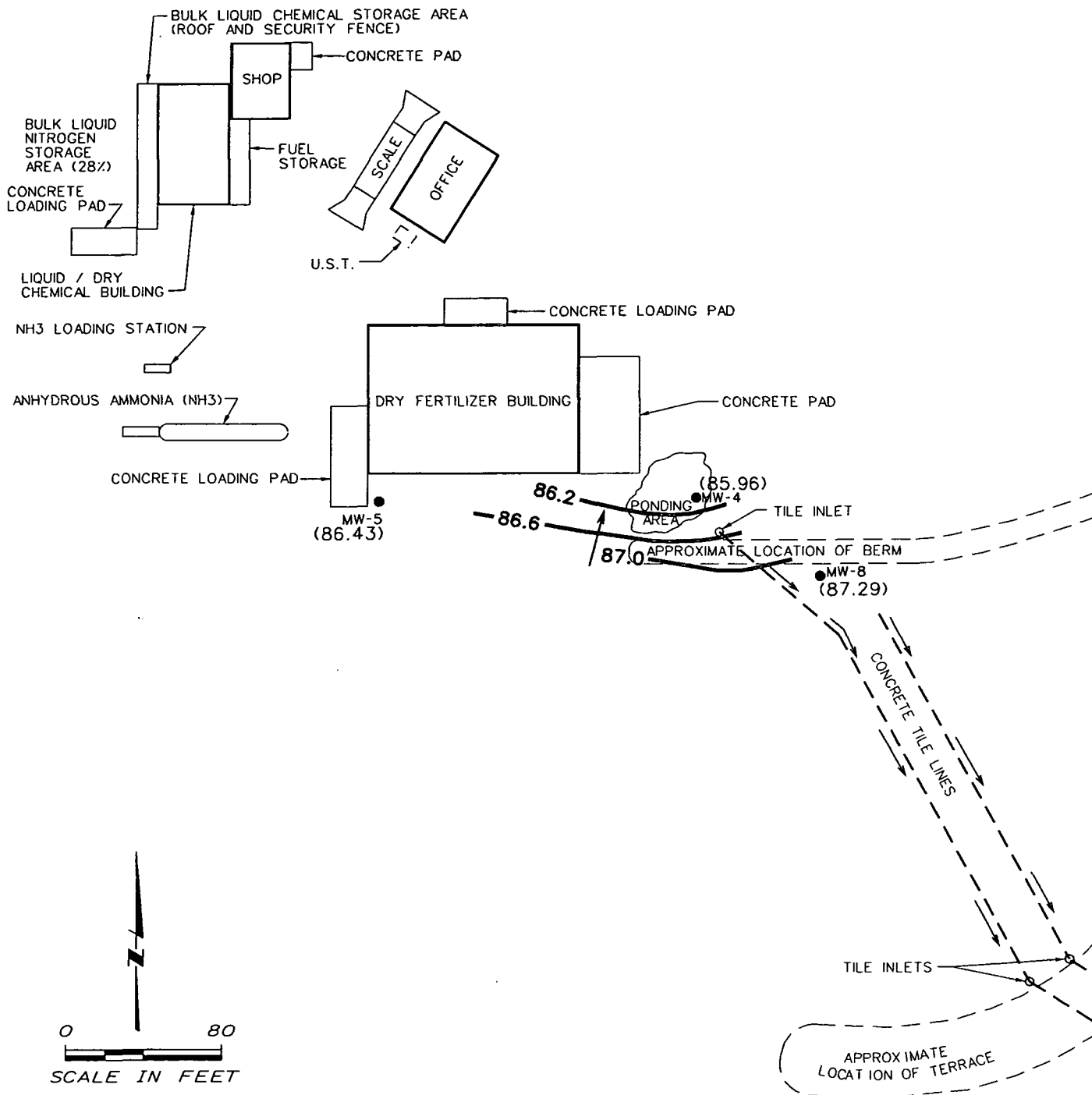
<sup>a</sup> Units of µg/L are an equivalent of units of parts per billion (ppb).

<sup>b</sup> Units of mg/L are an equivalent of units of parts per million (ppm).

<sup>c</sup> State action levels as established in Chapter 567—133 (455B, 455E) of the Iowa Administrative Code.

- = Not analyzed for this parameter.





**LEGEND:**

- MONITORING WELL
- (86.43) WATER TABLE ELEVATION IN FEET
- WATER TABLE CONTOUR
- INFERRED GROUNDWATER FLOW PATH

**NOTE:**

ALL MONITORING WELLS EXCEPT MW-4, MW-5, AND MW-8 WERE PROPERLY ABANDONED IN 1998.

11-JUL-2001

p:\CAD\simplot\saccity\gs01.dgn



**MWH**  
MONTGOMERY WATSON HARZA

Des Moines  
Iowa

J.R. SIMPLOT CO.  
SAC CITY, IOWA

GROUNDWATER CONTOURS  
(6-12-01)

FIGURE

1



# ATTACHMENT A

**Groundwater Elevations for Simplot - Sac City, Iowa**

	SWL TAKEN ON 2/22/96		SWL TAKEN ON 6/29/96		SWL TAKEN ON 6/11/97		SWL TAKEN ON 4/1/98		SWL TAKEN ON 6/23/99		SWL TAKEN ON 6/14/00	
	DTW	Water Elev	DTW	Water Elev	DTW	Water Elev	DTW	Water Elev	DTW	Water Elev	DTW	Water Elev
MW-4	13.37	85.67	6.15	92.89	11.04	88.00	13.52	85.52	19.80	79.24	14.84	84.20
MW-5	12.36	86.12	5.68	92.80	9.95	88.53	12.43	86.05	18.20	80.28	14.82	83.66
MW-8	11.28	86.32	4.26	93.34	8.77	88.83	10.06	87.54	21.20	76.40	12.12	85.48
	Average	86.04	Average	93.01	Average	88.45	Average	86.37	Average	78.64	Average	84.45

	SWL TAKEN ON 6/12/01	
	DTW	Water Elev
MW-4	13.08	85.96
MW-5	12.05	86.43
MW-8	10.31	87.29
	Average	86.56

SWL = Static Water Level

DTW = Depth to Water

# ATTACHMENT B



**MWH**

## ANALYTICAL REPORT

July 12, 2001

Page 1 of 3

Work Order: 11F1089

<b>Report To</b>
Mike Geringer Montgomery-Watson 11153 Aurora Avenue Des Moines, IA 50322

<b>Work Order Information</b>
Date Received: 06/29/2001 11:45AM Collector: Michael Geringer Collector Phone: 515-253-0830 PO Number:

Project: Simplots  
Project Number: Simplot Sac City Site

Analyte	Result	MRL	Method	Analyst	Analyzed	Qualifier
11F1089-01	MW-4		Matrix: Water		Collected: 06/28/01 11:35	
EPTC	8.4 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Butylate	0.6 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Propachlor	0.3 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Trifluralin	0.3 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Terbufos	0.2 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Atrazine	1.5 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Simazine	0.1 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Alachlor	20.5 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Metribuzin	1.7 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Metolachlor	248 ug/l	5.0	EPA 8141	EPP	07/10/01	4:46
Pendimethalin	0.7 ug/l	0.5	EPA 8141	EPP	07/06/01	2:31
Butachlor	2.8 ug/l	0.5	EPA 8141	EPP	07/06/01	2:31
Cyanazine	4.2 ug/l	0.1	EPA 8141	EPP	07/06/01	2:31
Surrogate: 2-Nitro-m-xylene	93.70 %		66-127	EPP	07/06/01	2:31

11F1089-02	MW-8		Matrix: Water		Collected: 06/28/01 11:55	
EPTC	0.6 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Butylate	0.2 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Propachlor	<0.1 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Trifluralin	0.3 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Terbufos	<0.1 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Atrazine	0.6 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Simazine	<0.1 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Alachlor	1.8 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Metribuzin	0.8 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Metolachlor	39.1 ug/l	0.5	EPA 8141	EPP	07/06/01	3:19
Pendimethalin	<0.5 ug/l	0.5	EPA 8141	EPP	07/06/01	3:19
Butachlor	0.6 ug/l	0.5	EPA 8141	EPP	07/06/01	3:19
Cyanazine	2.8 ug/l	0.1	EPA 8141	EPP	07/06/01	3:19
Surrogate: 2-Nitro-m-xylene	96.85 %		66-127	EPP	07/06/01	3:19

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Montgomery-Watson  
11153 Aurora Avenue  
Des Moines, IA 50322

July 12, 2001

Work Order: 11F1089

Page 2 of 3

## Determination of Nitrogen/Phosphorus Herbicides & Insecticides - Quality Control

### Keystone Laboratories, Inc. - Newton

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1G10221 - 3510C NP/OC Sep Fnl</b>										
<b>Blank (1G10221-BLK1)</b>				Prepared: 07/02/01 Analyzed: 07/06/01						
EPTC	ND	0.1	ug/l							
Butylate	ND	0.1	"							
Propachlor	ND	0.1	"							
Trifluralin	ND	0.1	"							
Terbufos	ND	0.1	"							
Atrazine	ND	0.1	"							
Simazine	ND	0.1	"							
Alachlor	ND	0.1	"							
Metribuzin	ND	0.1	"							
Metolachlor	ND	0.5	"							
Pendimethalin	ND	0.5	"							
Butachlor	ND	0.5	"							
Cyanazine	ND	0.1	"							
Surrogate: 2-Nitro-m-xylene	11.1		"	11.5		96.52	66-127			
<b>LCS (1G10221-BS1)</b>				Prepared: 07/02/01 Analyzed: 07/06/01						
Atrazine	9.7	0.1	ug/l	9.0		107.8	70-130			
Alachlor	9.7	0.1	"	9.2		105.4	70-130			
Metribuzin	10.7	0.1	"	9.4		113.8	70-130			
Metolachlor	8.0	0.5	"	7.8		102.6	70-130			
Surrogate: 2-Nitro-m-xylene	11.1		"	11.5		96.52	66-127			
<b>LCS Dup (1G10221-BSD1)</b>				Prepared: 07/02/01 Analyzed: 07/06/01						
Atrazine	9.0	0.1	ug/l	9.0		100.0	70-130	7.49	20	
Alachlor	9.1	0.1	"	9.2		98.91	70-130	6.38	20	
Metribuzin	10.1	0.1	"	9.4		107.4	70-130	5.77	20	
Metolachlor	7.4	0.5	"	7.8		94.87	70-130	7.79	20	
Surrogate: 2-Nitro-m-xylene	10.8		"	11.5		93.91	66-127			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

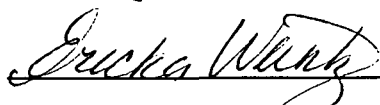
Montgomery-Watson  
11153 Aurora Avenue  
Des Moines, IA 50322

July 12, 2001

Work Order: 11F1089

Page 3 of 3

End of Report



Keystone Laboratories, Inc.  
Ericka Weintz  
Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

# CHAIN OF CUSTODY RECORD

**Keystone**  
LABORATORIES, INC.

☒ 600 E. 17<sup>th</sup> St. S.  
Newton, IA 50208  
Phone: 641-792-8451  
Fax: 641-792-7989

☐ 3012 Ansborough Ave.  
Waterloo, IA 50701  
Phone: 319-235-4440  
Fax: 319-235-2480

☐ 1304 Adams  
Kansas City, KS 66103  
Phone: 913-321-7856  
Fax: 913-321-7937

PAGE 1 OF 1

PRINT OR TYPE INFORMATION BELOW

SAMPLER: MICHAEL GERINGER  
SITE NAME: EMPILOT SOIL BUILDER  
342 CITY SITE  
ADDRESS: 11153 AURORA AVENUE  
CITY/ST/ZIP: DES MOINES, IA 50322  
PHONE: (515) 253-0830

REPORT TO:

NAME: MICHAEL GERINGER  
COMPANY NAME: MWH, INC.  
ADDRESS: 11153 AURORA AVENUE  
CITY/ST/ZIP: DES MOINES, IA 50322  
PHONE: (515) 253-0830  
FAX: (515) 253-9592

BILL TO:

NAME: SAME  
COMPANY NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY/ST/ZIP: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
Keystone Quote No.: \_\_\_\_\_  
(If Applicable)

CLIENT SAMPLE NUMBER	DATE	TIME	SAMPLE LOCATION	NO. OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED										LAB USE ONLY	
							NP-HEAVY METALS	NP-TRACE METALS	NP-ANIONIC	NP-CATIONIC	NP-NITRATES	NP-NITRITES	NP-AMMONIA	NP-PHOSPHATE	NP-SULFATE	NP-CHLORIDE	LABORATORY WORK ORDER NO.	LABORATORY SAMPLE NUMBER
	6/28/01	11:35	MW-4	1	water	G	✓										11F1089	01
	6/28/01	11:55	MW-8	1	water	G	✓											02

Relinquished by: (Signature) 	Date <u>6/29/01</u>	Received by: (Signature)  	Date  	Turn-Around: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush _____ <small>Contact Lab Prior to Submission</small>
	Time  		Time  	
Relinquished by: (Signature)  	Date  	Received for Lab by: (Signature) <u>Bill</u>	Date <u>6/29/01</u>	Remarks: <u>SAMPLES RE-COLLECTED DUE TO LAB ERROR</u>
	Time  		Time <u>11:45 AM</u>	

## ANALYTICAL REPORT

June 25, 2001

Page 1 of 1

Work Order: 11F0446

**Report To**

Mike Geringer  
Montgomery-Watson  
11153 Aurora Avenue  
Des Moines, IA 50322

**Work Order Information**

Date Received: 06/13/2001 10:40AM  
Collector: Geringer, Mike  
Collector Phone: 515-253-0830  
PO Number: .

Project: Simplots  
Project Number: Simplot Sites Sac City, IA

Analyte	Result	MRL	Method	Analyst	Analyzed	Qualifier
11F0446-01 MW-4			Matrix: Water		Collected: 06/12/01 09:15	
Determination of Inorganic Anions Nitrogen, Nitrate	152 mg/l	5.0	EPA 9056	FIZ	06/13/01 16:42	
11F0446-02 MW-5			Matrix: Water		Collected: 06/12/01 08:35	
Determination of Inorganic Anions Nitrogen, Nitrate	146 mg/l	5.0	EPA 9056	FIZ	06/13/01 16:56	
11F0446-03 MW-9			Matrix: Water		Collected: 06/12/01 08:53	
Determination of Inorganic Anions Nitrogen, Nitrate	23.0 mg/l	0.5	EPA 9056	FIZ	06/13/01 17:10	

End of Report

*Jeffrey King by Jm*

Keystone Laboratories, Inc.  
Jeffrey King, Ph.D.  
President

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



# Keystone

LABORATORIES, INC.

☐ 600 E. 17<sup>th</sup> St. S.  
Newton, IA 50208  
Phone: 641-792-8451  
Fax: 641-792-7989

☐ 3012 Ansborough Ave.  
Waterloo, IA 50701  
Phone: 319-235-4440  
Fax: 319-235-2480

☐ 1304 Adams  
Kansas City, KS 66103  
Phone: 913-321-7856  
Fax: 913-321-7937

PAGE \_\_\_\_\_ OF \_\_\_\_\_

PRINT OR TYPE INFORMATION BELOW

SAMPLER: MIKE BEZINGER  
SITE NAME: SIMPLOT - SAC CITY  
ADDRESS: \_\_\_\_\_  
CITY/ST/ZIP: SAC CITY  
PHONE: \_\_\_\_\_

REPORT TO:

NAME: MONTEGOMERY WATSON  
COMPANY NAME: MONTEGOMERY WATSON  
ADDRESS: 11153 AVERDA AVE  
CITY/ST/ZIP: DES MOINES, IA 50322  
PHONE: 515 253-0850  
FAX: 515 253-9592

BILL TO:

NAME: \_\_\_\_\_  
COMPANY NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY/ST/ZIP: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
Keystone Quote No.: \_\_\_\_\_  
(If Applicable)

CLIENT SAMPLE NUMBER	DATE	TIME	SAMPLE LOCATION	NO. OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED										LAB USE ONLY	
							Asph	Wg									LABORATORY WORK ORDER NO.	
MW-4	6/12/01	0915	SIMPLOT - SAC CITY	1		+	X	X									11F0446	
MW-5	6/12/01	0835	" SAC CITY					X										01
MW-8	6/12/01	0855	" "				X	X										02
																		03

Relinquished by: (Signature) 	Date <u>6/12/01</u>	Received by: (Signature) 	Date <u>6-13-01</u>	Turn-Around: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
	Time <u>1205</u>		Time <u>10:40</u>	
Relinquished by: (Signature)	Date	Received for Lab by: (Signature) 	Date	Remarks:
	Time			