



**STATE OF OHIO
WATER WITHDRAWAL
FACILITY REGISTRATION
ANNUAL REPORT FORM**

SEND TO: OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF SOIL AND WATER RESOURCES
WATER PLANNING PROGRAM
2045 MORSE ROAD, BLD. B-2
COLUMBUS, OHIO 43229-6693
(614) 265-6739

-2

AUTHORITY: Ohio Revised Code Section 1521.16 requires that any owner of a facility, or combination of facilities, with the capacity to withdraw more than 100,000 gallons of water daily, register such facilities and file an annual report with the ODNR, Division of Soil and Water Resources.

Water Withdrawal Report for the Year Ending December 31, 2013

According to our records the Contact is listed as:	Please Make Corrections Below
Contact Name: WILLIAM HERTEL	
Company Name: S. M. STOLLER INC.	
Address: 10995 HAMILTON - CLEVES HIGHWAY	
HARRISON OH 45030	
513/648-3894	
Phone:	

Facility Owner:	Please Make Corrections Below (Notify us if facility ownership has changed)
Owner Name: THE UNITED STATE DEPT. OF ENERGY	
Company Name: OFFICE OF LEGACY MANAGEMENT	
Address: 10995 HAMILTON - CLEVES HIGHWAY	
HARRISON OH 45030	
513/648-3148	
Phone:	

Facility Name and Withdrawal Mode:

County: HAMILTON
 Registration Number: 01573
 Facility Name: USDOE FERNALD CLOSURE PROJECT
 Registration Date: 11/8/1991

Please note changes in facility status, or naming, in the gray spaces next to the well or intake number(s) below.

Facility's WELL (Ground Water) Identification				Facility's INTAKE (Surface Water) Identification			
CW-1	EW-24						
CW-2	EW-25						
CW-3	EW-26						
EW-13	EW-27						
EW-14	EW-28a						
EW-15	EW-30						
EW-15a	EW-31						
EW-16	EW-32						
EW-17	EW-33a						
EW-17A	RW-1						
EW-18	RW-2						
EW-19	RW-3						
EW-20	RW-4						
EW-21	RW-5						
EW-21A	RW-6						
EW-22	RW-7						
EW-23							

WITHDRAWALS

NOTE: This page may be photocopied if additional space is required. Please be sure to sign and date each copy.

GROUND WATER (in Units of Millions of Gallons)											Registration Number		01573
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
WELL NO. CW-1	0	14.70	0	11.3	0	0	9.82	8.56	0	0	15.40	0	59.78
WELL NO. CW-2	5.23	0	0	0	0	0	0	0	15.83	0	0	7.36	28.42
WELL NO. CW-3	8.92	0	12.50	0	7.46	9.45	0	0	0	8.83	0	5.04	52.20
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
TOTAL	14.15	14.70	12.50	11.3	7.46	9.45	9.82	8.56	15.83	8.83	15.40	12.40	GRAND TOTAL 140.40
MAXIMUM	8.92	14.70	12.50	11.3	7.46	9.45	9.82	8.56	15.83	8.83	15.40	7.36	
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	
DAYS IN OPERATION	31	28	31	23	14	28	21	19	30	24	30	27	TOTAL OPERATION DAYS 306

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

Are surface water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

RETURN FLOW (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW	238.46	216.60	246.74	226.40	116.39	115.30	209.73	208.93	243.98	240.58	227.14	224.99	2,515.23
FLOW													
TOTAL	238.46	216.60	246.74	226.40	116.39	115.30	209.73	208.93	243.98	240.58	227.14	224.99	GRAND TOTAL 2,515.23

Are return flow amounts based on metered readings? yes no (circle one) If "no," how were the reported return flow amounts determined? (Attach separate sheet, if necessary)

NOTE: Is the information originally supplied on your registration form still correct? yes no (circle one)
If "no," please attach a separate sheet indicating the nature of the change. If needed, a new registration form will be forwarded to you so that you may provide this office with the necessary revisions.

Owner or authorized representative's signature

Date

William A. Hordel

2/12/2014

WITHDRAWALS

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GROUND WATER (in Units of Millions of Gallons)										Registration Number			01573
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
WELL NO. EW-15a	9.92	8.63	10.33	9.88	4.04	4.51	9.97	9.75	9.68	10.05	9.54	9.83	106.13
WELL NO. EW-17a	7.49	7.00	8.89	8.20	3.23	0	8.55	8.65	8.29	8.78	5.32	3.94	78.33
WELL NO. EW-18	5.45	4.32	5.78	5.53	2.32	3.08	5.70	6.09	4.86	6.06	5.85	5.37	60.42
WELL NO. EW-19	5.62	4.37	5.80	6.15	2.32	3.08	5.74	6.02	5.54	5.94	5.84	5.38	61.79
WELL NO. EW-20	5.44	4.32	6.15	5.43	2.32	3.09	5.91	5.89	5.74	5.90	5.57	5.04	60.81
WELL NO. EW-21a	9.20	8.19	9.87	9.55	3.89	1.24	9.57	10.05	9.63	10.36	9.13	9.68	100.36
WELL NO. EW-22	14.96	12.78	14.94	14.41	5.75	6.59	14.84	14.80	14.44	14.81	12.01	3.86	144.19
WELL NO. EW-23	9.93	13.08	12.60	13.02	5.33	6.54	14.62	14.56	14.27	12.31	5.07	12.97	134.31
WELL NO. EW-24	14.36	12.18	14.71	13.62	5.36	2.71	14.67	14.44	14.16	15.27	13.16	14.47	149.11
WELL NO. EW-25	5.51	4.24	5.69	5.49	2.46	1.77	5.99	6.50	5.52	6.06	6.24	5.61	61.08
WELL NO. EW-30	9.18	8.05	9.66	9.23	3.48	4.37	9.65	9.89	9.66	10.19	8.65	9.63	101.63
WELL NO. EW-31	14.34	12.38	14.39	13.97	3.52	6.49	14.70	13.90	14.37	14.79	13.58	13.18	149.62
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

SEE NEXT PAGE

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

Are surface water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

RETURN FLOW (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW													
FLOW													
TOTAL													GRAND TOTAL

Are return flow amounts based on metered readings? yes no (circle one) If "no," how were the reported return flow amounts determined? (Attach separate sheet, if necessary)

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Owner or authorized representative's signature

Date

Willie G. Hertel

2/12/2014

WITHDRAWALS

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GROUND WATER (in Units of Millions of Gallons)													Registration Number	01573
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR	
WELL NO. EW-32	9.80	8.52	9.88	9.41	3.89	4.33	6.69	9.71	9.65	9.92	8.05	9.36	99.21	
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
WELL NO.														
TOTAL	121.20	108.04	128.70	123.89	47.90	47.82	126.61	130.26	125.83	130.44	108.01	108.31	GRAND TOTAL 1,307.00	
MAXIMUM	14.96	13.08	14.94	14.41	5.75	6.59	14.84	14.80	14.44	15.27	13.58	14.47		
MINIMUM	5.44	4.24	5.69	5.43	2.32	0	5.70	5.89	4.86	5.90	5.07	3.86		
DAYS IN OPERATION	31	28	31	30	31	30	31	31	30	31	30	31	TOTAL OPERATION DAYS 365	

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

Are surface water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

RETURN FLOW (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW													
FLOW													
TOTAL													GRAND TOTAL

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Owner or authorized representative's signature

Will A. Hertel

Date

2/12/2014

WITHDRAWALS

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GROUND WATER (in Units of Millions of Gallons)												Registration Number	01573
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
WELL NO. RW-1	9.90	8.71	9.80	7.59	8.99	9.38	5.07	4.01	9.52	9.78	10.03	9.63	102.40
WELL NO. RW-2	9.50	8.14	9.06	5.77	8.00	7.29	5.04	3.97	9.53	9.53	9.06	9.83	94.70
WELL NO. RW-3	9.84	8.69	9.75	7.17	9.52	9.37	5.11	3.89	9.53	9.17	8.85	9.83	100.71
WELL NO. RW-4	7.76	8.30	9.92	9.67	8.91	9.52	4.84	1.81	9.49	9.80	9.51	9.42	98.94
WELL NO. RW-6	8.48	8.42	9.74	7.44	3.75	0.64	0	3.86	9.68	10.16	9.73	9.97	81.85
WELL NO. RW-7	8.78	8.71	9.50	7.26	3.44	0	4.16	4.04	9.68	10.03	9.60	9.59	84.78
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
TOTAL	54.26	50.95	57.76	44.89	42.61	36.20	24.22	21.56	57.42	58.47	56.78	58.27	GRAND TOTAL 563.39
MAXIMUM	9.90	8.71	9.92	9.67	9.52	9.52	5.11	4.04	9.68	10.16	10.03	9.97	
MINIMUM	7.76	8.14	9.06	5.77	3.44	0	0	1.81	9.49	9.17	8.85	9.42	
DAYS IN OPERATION	31	28	31	30	31	30	31	31	30	31	30	31	TOTAL OPERATION DAYS 365

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined?
(Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)												TOTAL PER YEAR	
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

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SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW													
FLOW													
TOTAL													GRAND TOTAL

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SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
WELL NO. EW-26	14.55	12.83	13.97	13.93	5.69	6.49	14.52	14.58	14.31	14.78	14.07	14.28	154.00
WELL NO. EW-27	9.88	8.42	9.87	9.25	3.22	4.25	9.99	10.02	7.96	3.47	9.40	9.41	95.15
WELL NO. EW-28a	9.79	8.44	9.70	9.22	3.82	4.52	9.94	9.73	9.34	9.90	9.30	9.12	102.81
WELL NO. EW-33a	14.63	13.22	14.26	13.92	5.68	6.57	14.63	14.21	13.29	14.69	14.18	13.21	152.49
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
TOTAL	48.86	42.90	47.79	46.31	18.42	21.83	49.08	48.54	44.91	42.84	46.95	46.02	GRAND TOTAL 504.45
MAXIMUM	14.63	13.22	14.26	13.93	5.69	6.57	14.63	14.58	14.31	14.78	14.18	14.28	
MINIMUM	9.79	8.42	9.70	9.22	3.22	4.25	9.94	9.73	7.96	3.47	9.30	9.12	
DAYS IN OPERATION	31	28	31	30	31	30	31	31	30	31	30	31	TOTAL OPERATION DAYS 365

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined?
(Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													
MINIMUM													
DAYS IN OPERATION													TOTAL OPERATION DAYS

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SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW													
FLOW													
TOTAL													GRAND TOTAL

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Owner or authorized representative's signature Will A. Hentel Date 2/12/2014

WITHDRAWALS

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GROUND WATER (in Units of Millions of Gallons)											Registration Number 01573		
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
WELL NO. EW-13	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. EW-14	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. EW-15	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. EW-16	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. EW-17	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. EW-21	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO. RW-5	○	○	○	○	○	○	○	○	○	○	○	○	○
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
WELL NO.													
TOTAL	○	○	○	○	○	○	○	○	○	○	○	○	GRAND TOTAL ○
MAXIMUM	○	○	○	○	○	○	○	○	○	○	○	○	/ / / / / / / / / / / / / / / /
MINIMUM	○	○	○	○	○	○	○	○	○	○	○	○	/ / / / / / / / / / / / / / / /
DAYS IN OPERATION	○	○	○	○	○	○	○	○	○	○	○	○	TOTAL OPERATION DAYS ○

Are ground water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

SURFACE WATER (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
INTAKE													
INTAKE													
INTAKE													
INTAKE													
INTAKE													
TOTAL													GRAND TOTAL
MAXIMUM													/ / / / / / / / / / / / / / / /
MINIMUM													/ / / / / / / / / / / / / / / /
DAYS IN OPERATION													TOTAL OPERATION DAYS

Are surface water withdrawal amounts based on metered readings? yes no (circle one) If "no," how were the reported withdrawal amounts determined? (Attach separate sheet, if necessary)

RETURN FLOW (in Units of Millions of Gallons)													
SOURCE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL PER YEAR
FLOW													
FLOW													
TOTAL													GRAND TOTAL

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Owner or authorized representative's signature

Willie A. Hertz

Date

2/12/2014