



Manistee County Courthouse  
415 Third Street · Manistee, Michigan 49660

**CLERK**

Lindsey Marquardt  
(231) 723-3331

**CONTROLLER/ADMINISTRATOR**

Lisa Sagala  
(231) 398-3504

**Board of Commissioners**

**CHAIRPERSON**

Jeffrey Dontz

**VICE-CHAIRPERSON**

Karen Goodman

Margaret Batzer

Eric Gustad

Nikki Koons

Janice McCraner

Richard Schmidt

**GREEN TEAM/RECYCLING COMMITTEE MINUTES**

Thursday, January 26, 2023

8:30 a.m.

Manistee County Courthouse & Government Center

Board of Commissioners Meeting Room

**MINUTES**

Members Present: Eric Gustad; Nikki Koons and Margaret Batzer, Chairperson

Members Absent: None

Others Present: Karla Smith-Kasten, Bay Area Recycling for Charity; Lisa Sagala, Administrator/Controller; Bill Kennis, Grant Administrator; Renee Mallison, Manistee Conservation District; Lindsey Marquardt, County Clerk Clerk

The meeting was called to Order at 8:30 a.m.

**NOTE – Items requiring Board Action are indicated in BOLD**

**PUBLIC COMMENT**

None.

**2023 GREEN TEAM/RECYCLING COMMITTEE SCHEDULE**

The Green Team/Recycling Committee meeting will be held on the fourth Thursday of every month at 8:30 a.m., with the exception of the meetings in November and December, which will be combined and held on December 7, 2023 at 8:30 a.m. (Appendix A)

**P.A. 69 RECYCLING UPDATE**

Karla Smith-Kasten appeared before the committee to present the January 26, 2023 Recycling Program Report. (Appendix B) The total weight of materials collected in 2022 was 427,440 pounds, up from the 2021 totals. The first round of training with the Bear Lake School students, to become site monitors, occurred on January 25, 2023. Kaleva Norman Dickson has a new SEEDS Coordinator, however, they will not be able to maintain the PCA trailer at that location. Maple Grove has hired someone to oversee that trailer.

Karla inquired if the committee would be interested in adding businesses to the P.A. 69, if they fall within a participating municipality. Bill Kennis informed the committee that the possibility of adding businesses to the program would be a good addition to the grant application. The committee was in support of reaching out to businesses for P.A. 69.

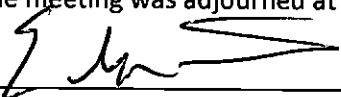
Karla inquired of the locks for the signage boxes at the sites. The keys are unable to be located and would like to get them rekeyed, so signs can be updated at the sites. Karla would like to incorporate a strategic plan in the County Master plan for the recycling program. Lisa Sagala indicated the County's Strategic Plan has been recently updated by the Board and will be up for final review at next month's Board meeting. Karla will review the plan to see if any updates need to be made.


The site plan for the proposed new Onekama site was reviewed. Various letters of support have been received with several more to be forthcoming in support of the new site.

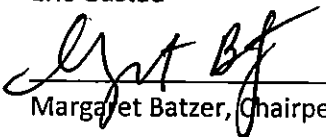
**OTHER ITEMS FROM COMMITTEE MEMBERS**

None.

The meeting was adjourned at the Call of the Chair at 9:21 a.m.

  
\_\_\_\_\_  
Eric Gustad

  
\_\_\_\_\_  
Nikki Koons

  
\_\_\_\_\_  
Margaret Batzer, Chairperson

**2023 GREEN TEAM/RECYCLING COMMITTEE  
MEETING SCHEDULE**

To comply with the Michigan Open Meetings Act 267 of 1976.

The **Manistee County Green Team/Recycling Committee** will meet on the following dates in the **Board of Commissioners Meeting Room** located in the Manistee County Courthouse and Government Center, located at 415 Third Street, Manistee, Michigan 49660:

Thursday	February 23, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	March 23, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	April 27, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	May 25, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	June 22, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	July 27, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	August 24, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	September 28, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	October 26, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	December 7, 2023	8:30 AM (4 <sup>th</sup> Thursday)
Thursday	January 25, 2024	8:30 AM (4 <sup>th</sup> Thursday)

This meeting will be conducted remotely and live streamed using Zoom and in person in the Board of Commissioners Meeting Room. Live meeting can be viewed using Zoom:

Join Zoom Meeting  
<https://us06web.zoom.us/j/82768357259> Password: 4153  
 Dial by your location:  
 +1 312 626 6799 US (Chicago)  
 Meeting ID: 827 6835 7259 Password: 4153

Manistee County will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting, to individuals with disabilities at the meeting upon two weeks' notice to the Manistee County Administrator. Individuals with disabilities requiring auxiliary aids or services should contact Manistee County by writing or calling Lisa Sagala, County Administrator, Manistee County Courthouse, 415 Third Street, Manistee, Michigan 49660; (231) 398-3504.

This notice was posted by Kristyn Malkowski, Administrative Secretary, to comply with Sections 4 and 5 of the Michigan Open Meetings Act (P.A. 267 of 1976) on January 31, 2023 at 2:30 P.M. on the bulletin board located in the main lobby area of the Courthouse and Government Center, 415 Third Street, Manistee, Michigan 49660; giving notice for a regular meeting, posted at least 18 hours prior to the start of the meeting.

Signed: \_\_\_\_\_  
 Kristyn Malkowski  
 Administrative Secretary

# 2023 Green/Recycling

**JANUARY**

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**FEBRUARY**

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**MARCH**

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**APRIL**

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**MAY**

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**JUNE**

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**JULY**

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**AUGUST**

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**SEPTEMBER**

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**OCTOBER**

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29	30	31				

**NOVEMBER**

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**DECEMBER**

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30	31					

2023 HOLIDAYS					
1 Jan	New Year's Day	4 Jul	Independence Day	24 Nov	Day After Thanksgiving
2 Jan	New Year Holiday	4 Sep	Labor Day	22 Dec	Christmas Eve
16 Jan	Martin Luther King Jr. Birthday	9 Oct	Columbus Day	25 Dec	Christmas Day
20 Feb	President's Day	10 Nov	Veteran's Day	29 Dec	New Years Eve
7 April	Good Friday	23 Nov	Thanksgiving Day	1 Jan	New Years Day
29 May	Memorial Day				4th Thursday @ 8:30 AM
					January 25, 2024

**Manistee County Green Team  
Recycling Program Report  
Thursday January 25th, 2025  
Karla Smith-Kasten, Bay Area Recycling for Charity**

**Current Volume Report**

Total weight pounds) of materials collected from 6 - PA 69 Recycling Program drop off sites in 2022. See Attached Volume Report for Details.

MONTH	2021 TOTALS	2022 TOTALS
JANUARY	41,876	22,200
FEBRUARY	26,602	23,400
MARCH	39,720	31,000
APRIL	17,236	30,600
MAY	35,030	35,220
JUNE	34,391	48,300
JULY	51,706	48,300
AUGUST	60,172	51,620
SEPTEMBER	29,649	35,700
OCTOBER	29,392	32,700
NOVEMBER	37,277	35,400
DECEMBER	20,644	33,000
<b>YTD TOTAL</b>	<b>422,695</b>	<b>427,440</b>

**HHW - Next meeting will be February 7, 2022**

**The Tire Event is set for July 29, 2023**

**RECYLING SITE**

**Bear Lake Township** - 3 Bins and a 1 year Contract. We will be Training Bear Lake High School Students to be sight monitors in January. First Round of train occurred on 1/25/23

**Pleasanton Township** - January 3, 2023 received 2 Bins to start with. 2 year contract and James Robinson will be the site monitor

**Springdale Township** - 2 year contract with no on-site Bins.

**Onkama Township** - Has 4 to 5 Bins. 2 year Contract. Bill Kennis, Manistee County Grant Writer, Renee Mallison, Executive Director, Manistee Conservation District

**Brown Township** 2 Bins 2 year Contract.

**Cleon Township**- 2 Bins, 2 year contract

**Arcadia** - 4 - 5 Bins, 2 year Contract

**Dickson Township** - 2 Bins, 2 year Contract

**Maple Grove Township** - 3 Bins, 2 year Contract

**Marrilla Township** No Bins, Renew 2 year Contract.

**Manistee County Green Team  
 Recycling Program Report  
 Thursday, January 26, 2023  
 Karla Smith-Kasten, Bay Area Recycling for Charity**

**ADDITIONAL INFORMATION**

**PCA TRAILERS** - Requested totals for 2022 cardboard

**Kaleva / Maple Grove, and Brethern / Dickson / PCA Trailer** - KND School has a Seeds Coordinator, however they are not handling the PCA trailers. Maple Grove Township has hired someone to take care of the trailer in Maple Grove. I am looking into options for Brethern / Dickson

**GFL FUEL COST AJUSTMENT:** A fuel surcharge of 0.0005% may be added implemented if the weekly Department of Energy Midwest exceeds \$4.50 per gallon for diesel fuel. See attachment EIA

MONTH	DEM AVERAGE	ADDITIONAL COST	YTD COST
May	\$5.32	\$387.33	\$387.33
June	\$5.66	\$387.33	\$774.66
July	\$5.55	\$387.33	\$1,161.99
August	\$5.38	\$387.33	\$1,549.32
September	\$5.22	\$387.33	\$1,936.65
October	\$5.22	\$387.33	\$2,323.98
November	\$5.25	\$387.33	\$2,711.31
December	\$4.60	\$387.33	\$3,098.64

Sponsorship - Now that the first of the year is coming up, I will be working on Sponsorship for the PA 69 Program. **Adding businesses in the PA69 Program discussion**

In the September meeting we had talked about the possibility of having a pilot program in one of the local schools to use as a Recycling Educational Tool as well as encouraging youth to recycle. I have found several programs that might be appropriate for such a program in the 23 - 24 school year

We are starting a dialog with the Seeds Program at Kaleva-Norman-Dickson. We will be having our first session with 6 to 12 year olds on January 31, 2023

Who and / or how do we get the locks re-keyed for the Signage at the sites? We have Pleasanton and Bear Lake do not have the Locked signage boxes

Setting Goals for 2023 - Strategic Planning for the next 3 years. Incorporate a Strategic plan in the Master Plan for Manistee County and Township in PA 69

Sight Monitors on vacation.

**Manistee County Recycling Totals December 2022**

**B-3**

<b>January</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>July</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	9128	3600	-5528	Arcadia Township	10470	12900	up 2430
Brown Township	5079	2700	-2379	Brown Township	3487	3900	up 413
Cleon Township	3807	1500	-2307	Cleon Township	2513	3000	up 487
Dickson Township	1119	1800	up 681	Dickson Township	981	2400	up 1419
Maple Grove Township	7617	3300	-4317	Maple Grove Township	6614	5700	-914
Onekama Township	12171	9300	-2871	Onekama Township	24384	20400	-3984
Springdale Township	2955	--	- -	Springdale Township	3257	--	--
<b>TOTALS</b>	<b>41876</b>	<b>22200</b>	<b>-19676</b>	<b>TOTALS</b>	<b>51706</b>	<b>48,300</b>	<b>-3406</b>
<b>February</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>August</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	5431	4500	-931	Arcadia Township	14497	11000	-3497
Brown Township	3076	2700	-376	Brown Township	5443	4200	-1243
Cleon Township	1987	2100	up 113	Cleon Township	3227	2400	-827
Dickson Township	604	1200	up 596	Dickson Township	2126	2100	-26
Maple Grove Township	3973	3300	-673	Maple Grove Township	7587	6900	-687
Onekama Township	9225	9600	up 375	Onekama Township	23949	25020	up 1071
Springdale Township	2306	--	- -	Springdale Township	3343	--	--
<b>March</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>September</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	9141	6300	-2841	Arcadia Township	9610	7500	up 2110
Brown Township	4152	3300	822	Brown Township	1800	3000	up 1200
Cleon Township	3116	2400	-716	Cleon Township	1274	2100	up 826
Dickson Township	1316	1800	up 484	Dickson Township	649	4200	up 3551
Maple Grove Township	6227	4800	-1427	Maple Grove Township	2830	4500	up 1670
Onekama Township	12452	12000	-452	Onekama Township	12481	14400	up 1919
Springdale Township	3116	--	--	Springdale Township	1005	--	--
<b>TOTALS</b>	<b>39720</b>	<b>30600</b>	<b>-9120</b>	<b>TOTALS</b>	<b>29649</b>	<b>35700</b>	<b>up 6051</b>
<b>April</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>October</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	3741	6900	up 3159	Arcadia Township	876	7200	up 6324
Brown Township	2795	3300	up 505	Brown Township	2492	2400	-92
Cleon Township	1026	2400	up 374	Cleon Township	1674	3600	up 1926
Dickson Township	945	1200	up 255	Dickson Township	1158	1800	up 642
Maple Grove Township	2494	4800	up 2313	Maple Grove Township	4253	5700	up 1447
Onekama Township	4987	12000	up 7013	Onekama Township	8810	12,000	up 3190
Springdale Township	1248	--	--	Springdale Township	1929	--	--
<b>TOTALS</b>	<b>17236</b>	<b>30600</b>	<b>up 13364</b>	<b>TOTALS</b>	<b>28392</b>	<b>32700</b>	<b>up 4308</b>
<b>May</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>November</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	8459	7500	-959	Arcadia Township	10167	6600	3567
				Bear Lake	--	3600	3600
Brown Township	3760	3900	up 140	Brown Township	2982	2400	582
Cleon Township	2820	2400	-420	Cleon Township	2269	2700	431
Dickson Township	951	1920	up 969	Dickson Township	1557	2100	543
Maple Grove Township	4940	6000	up 1060	Maple Grove Township	4754	5700	946
Onekama Township	11280	13500	up 2220	Onekama Township	13032	12300	732
Springdale Township	2820	--	--	Springdale Township	2616	0	0
<b>TOTALS</b>	<b>35030</b>	<b>35220</b>	<b>up 190</b>	<b>TOTALS</b>	<b>37277</b>	<b>35400</b>	<b>-1877</b>
<b>June</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>	<b>December</b>	<b>2021 LBS</b>	<b>2022 LBS</b>	<b>Change</b>
Arcadia Township	7570	12000	up 4430	Arcadia Township	4315	4500	up 185
				Bear Lake Township	--	4500	
Brown Township	2753	4800	up 2047	Brown Township	2417	2700	up 283
Cleon Township	2192	2400	up 308	Cleon Township	1331	3300	up 1969
Dickson Township	738	2100	up 1362	Dickson Township	1026	1800	up 774
Maple Grove Township	4129	7500	up 3371	Maple Grove Township	3852	5100	up 1248
Onekama Township	14817	19500	up 4683	Onekama Township	6385	11110	up 4725
Springdale Township	2192	--	--	Springdale Township	1318	--	--
<b>TOTALS</b>	<b>34391</b>	<b>48300</b>	<b>up 13909</b>	<b>TOTALS</b>	<b>20644</b>	<b>33000</b>	<b>up 9184</b>



# PETROLEUM & OTHER LIQUIDS

OVERVIEW DATA ANALYSIS & PROJECTIONS

GLOSSARY FAQs

## Weekly Retail Gasoline and Diesel Prices

(Dollars per Gallon, Including Taxes)

Area: **Midwest (PADD 2)** Period: **Monthly**

Show Data By:	<input type="checkbox"/> Graph <input checked="" type="checkbox"/> Data	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	View History
<input checked="" type="radio"/> Product <input type="radio"/> Area								
<b>Gasoline - All Grades</b>	<input type="checkbox"/>	4.567	3.881	3.660	3.814	3.660	3.088	1993-2022
All Grades - Conventional Areas	<input type="checkbox"/>	4.465	3.781	3.584	3.734	3.583	3.027	1994-2022
All Grades - Reformulated Areas	<input type="checkbox"/>	5.125	4.412	4.058	4.230	4.064	3.406	1994-2022
Regular	<input type="checkbox"/>	4.496	3.809	3.590	3.744	3.587	3.014	1992-2022
Conventional Areas	<input type="checkbox"/>	4.410	3.727	3.529	3.679	3.525	2.968	1992-2022
Reformulated Areas	<input type="checkbox"/>	4.998	4.284	3.930	4.107	3.933	3.274	1994-2022
Midgrade	<input type="checkbox"/>	4.885	4.190	3.962	4.115	3.984	3.418	1994-2022
Conventional Areas	<input type="checkbox"/>	4.717	4.025	3.825	3.975	3.846	3.306	1994-2022
Reformulated Areas	<input type="checkbox"/>	5.508	4.790	4.447	4.606	4.469	3.815	1994-2022
Premium	<input type="checkbox"/>	5.326	4.650	4.422	4.572	4.448	3.881	1994-2022
Conventional Areas	<input type="checkbox"/>	5.130	4.458	4.267	4.422	4.297	3.757	1994-2022
Reformulated Areas	<input type="checkbox"/>	5.912	5.218	4.872	5.006	4.885	4.241	1994-2022
<b>Diesel (On-Highway) - All Types</b>	<input type="checkbox"/>	5.460	5.0	5.023	5.226	5.253	4.609	1994-2022
Ultra Low Sulfur (15 ppm and Under)	<input type="checkbox"/>	5.460	5.0	5.023	5.226	5.253	4.609	2007-2022

Click on the source key icon to learn how to download series into Excel, or to embed a chart or map on your website.

-- No Data Reported; -- = Not Applicable; NA = Not Available; W = Withheld to avoid disclosure of individual company data.

Notes: Conventional area is any area that does not require the sale of reformulated gasoline. All types of finished motor gasoline may be sold in this area. RFG area is an ozone nonattainment area designated by the U.S. Environmental Protection Agency (EPA), which requires the use of reformulated gasoline. We stopped publishing Low Sulfur On-Highway Diesel (LSD) prices at the U.S. level on December 8, 2008, because fewer stations were selling LSD as a result of EPA diesel fuel regulations. We continued to collect LSD prices from retail outlets and included them in the Diesel Average All Types price until July 26, 2010, when no more outlets reported LSD sales. Beginning July 26, 2010, publication of Ultra Low Sulfur Diesel (ULSD) price became fully represented by the Diesel Average All Types price. As of December 1, 2010 (September 1, 2006 in California), any on-highway diesel fuel sold is ULSD as mandated by EPA on-highway diesel fuel regulations. We did not collect weekly retail motor gasoline data between December 10, 1990, and January 14, 1991. Monthly and annual averages are simple averages of the weekly data. For months and years with incomplete weekly data series, the monthly and/or annual averages are not available. On May 14, 2018, we implemented statistical methodology changes to improve the accuracy of the weekly retail gasoline price estimates. As a result of these statistical methodology changes, the published retail gasoline estimates for May 14, 2018, are not directly comparable to those published for May 7, 2018. On June 13, 2022, we implemented statistical methodology changes to improve the accuracy of the weekly retail on-highway diesel fuel price estimates. As a result of these statistical methodology changes, the published retail on-highway diesel fuel prices for June 13, 2022 are not directly comparable to those published for June 6, 2022. See Definitions, Sources, and Notes link above for more information on this table.

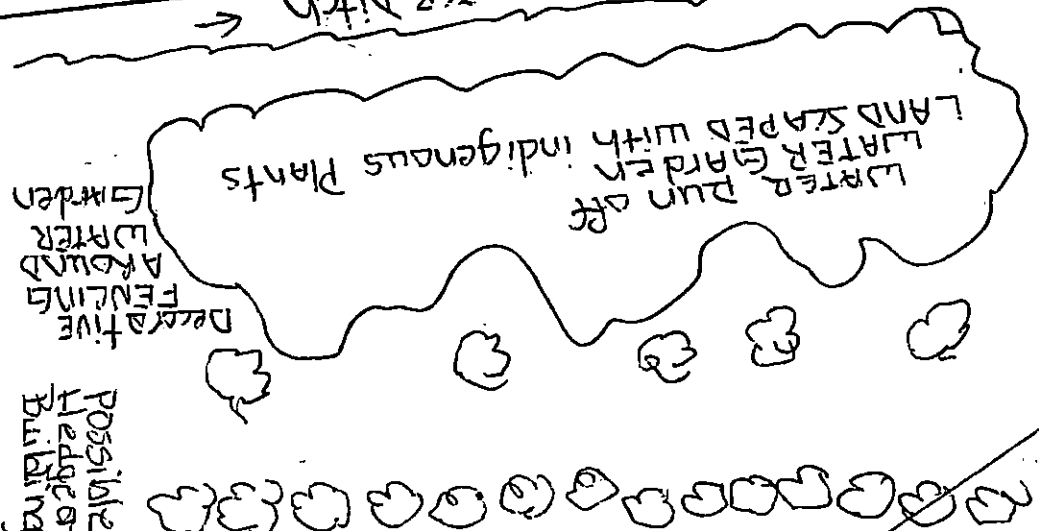
Release Date: 1/23/2023  
Next Release Date: 1/30/2023



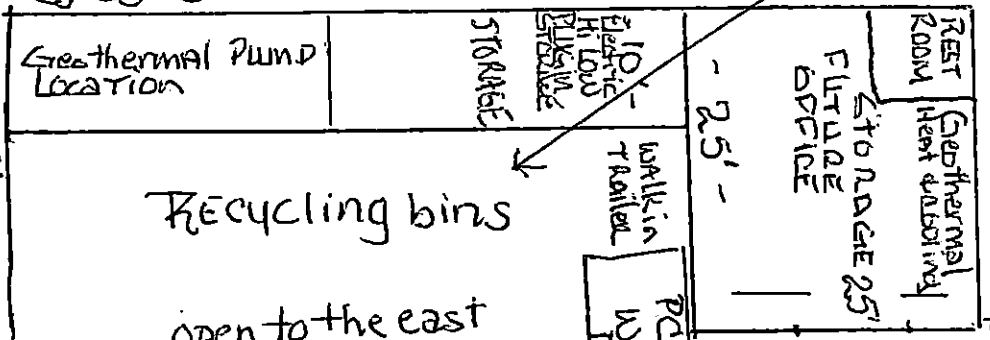
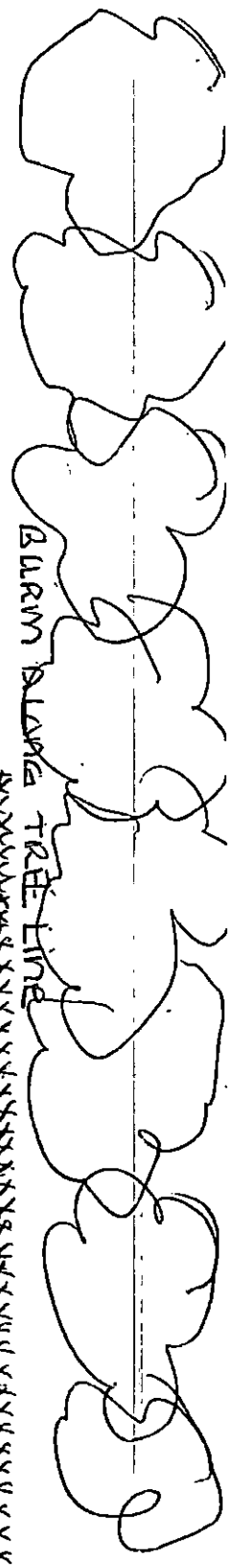
CUVERT

M22

Flowing Water Ditch



Solar Panel on the roof

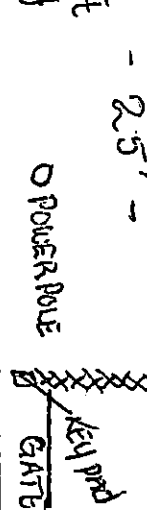


Recycling bins

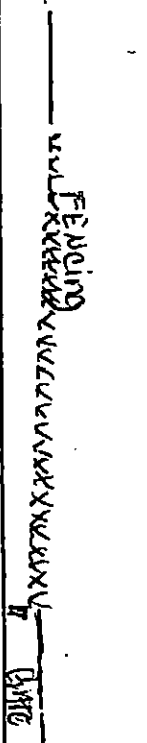
open to the east



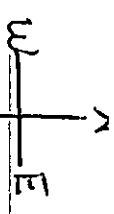
75' APPROXIMATELY  
 ADD if Geothermal  
 concrete with  
 Drain system with  
 runoff in WATERGARDEN



JOHN STREET



Possible Hedge or drawings



NOT TO SCALE  
LISTS 175' X 560'

FAIR GROUNDS