

August 20, 2007

Mr. Tanvir Ahmad  
Director of Post Closure  
The City of New York Department of Sanitation  
Fresh Kills Landfill  
310 West Service Road  
Staten Island, NY 10313

Re: Operation, Maintenance and Facility Management of Landfill Gas Production and Purification Facilities Project Pin # 82705WD00018 Contract # 20060042021  
Edgemere Landfill 2007 Annual Inspection of Final Cover, Drainage and Access Road System

Dear Mr. Ahmad:

Please find enclosed the Edgemere Landfill 2007 Annual Inspection of Final Cover, Drainage and Access Road System inspected on June 25 and 29, 2007. The report was prepared according to Attachment C-4 Detailed Specifications Operation, Maintenance, and Facility Management for the Landfill Gas Production Facility at the Edgemere Landfill, Item-5 Inspection of Final Cover, Drainage and Access Road Systems the Landfill Gas Production Facility at Edgemere Landfill, 5.3 Submittals (c).

If you have any questions please call me at 718.317.2213 or on my cell phone at 917.939.9688.

Sincerely,  
**SHAW ENVIRONMENTAL, INC.**



Daniel Chen, Ph.D., P.E.  
Project Manager

121708.03000000/04000000

cc: T. Nabavi (DSNY) (w/o enclosure)  
G. Martins (DSNY)  
B. Patel (DSNY)  
S. Djafari (Shaw)  
File

**INSPECTION OF FINAL COVER, DRAINAGE AND  
ACCESS ROAD SYSTEM  
FOR THE  
OPERATION, MAINTENANCE, AND FACILITY  
MANAGEMENT OF LANDFILL GAS PRODUCTION  
AND PURIFICATION FACILITIES**

**EDGEMERE LANDFILL**

**Inspected June 25 and 29, 2007**

**CONTRACT NO. 20060042021  
PIN # 82705WD00018**

Prepared for

New York City Department of Sanitation

Submitted August 20, 2007

Prepared by

Shaw Environmental, Inc.  
1010 Muldoon Ave  
Staten Island, NY 10312

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APPENDIX A FINAL COVER INSPECTION AREAS (WESTON FIGURE 7-1)

APPENDIX B ANNUAL RAINFALL DATA

## 1 SUMMARY

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The inspection of the final cover, drainage and access road system was performed by James Liu for Shaw Environmental, Inc. on June 25 and June 29, 2007. On June 25, 2007 inspection, the Sediment Basin "A", various ground water monitoring wells, and other structures and conditions were observed. On the June 29, 2007 inspection, the drainage swales, channels and basin inlet and outlet were observed with normal operating conditions (without ponding of water). Other conditions of erosion and ponding of water were monitored on the final cover of the landfill. The inspection of June 29, 2007 was conducted after a rainfall total of 0.26 inches on June 28, 2007.

The overall integrity of the landfill and the surrounding structures are satisfactory. Vegetation throughout the landfill is growing rapidly and becoming dense in the Sediment Basin A and various areas of the drainage channels. During the time of observation, there was no indication that the dense vegetation is adversely impacting the drainage system. There were several ground water monitoring wells that were not observed due to the dense vegetation. These monitoring wells and other identified problems are described in the Deficiency Form following this page.

## 2 DEFICIENCY FORM

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**DEFICIENCY FORM**  
**Edgemere Landfill, Far Rockaway, New York**  
**Inspection Of Related Facilities Checklist**

Form No.	Area No.	**Map Id.	Description of Deficiency	Probable Cause	Recommendation
E4	B	1	Missing piece of guard rail in the vicinity of ground water monitoring wells MW-208 S, D, U	N/A	Replace
E4	D	2	Ponding of water on gravel access road in the vicinity of landfill gas well GE51.	Rain washout	Fill washout with gravel
E4	A-3	3	*Ground water monitoring well HE-216 S was not observed.	Dense vegetation	Removal of dense vegetation
E4	B	4	*Ground water monitoring well HE-209 U was not observed.	Dense vegetation	Removal of dense vegetation
E4	C	5	*Ground water monitoring wells HE-102 U, S, D was not observed.	Dense vegetation	Removal of dense vegetation
E4	E	6	Ground water monitoring well MW-201 U was observed without a lock.	N/A	Replace lock
E4	E	7	Ground water monitoring well MW-218 S was observed without a lock.	N/A	Replace lock
E4	B	8	Ground water monitoring wells MW-208 D & U were observed without a lock.	N/A	Replace lock
E4	B	9	Ground water monitoring wells MW-203 S & U were observed without a lock.	N/A	Replace lock

  
 07/31/07

Inspector's Certification and Date:  
 N/A: Not available

\*Ground water monitoring wells that were not observed are located (Weston Map Figure 7-1) along the outer perimeter of the lower access road guard rail system.

\*\*Deficiencies are highlighted on the Weston Figure 7 map.

## **3 FORM E1 FINAL COVER INSPECTION CHECKLIST**

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Checklist Form E1  
Edgemere Landfill, Far Rockaway, New York  
Final Cover Inspection Checklist

Checklist Parameters	*Final Cover Inspection Areas					E
	A-3	A-4	B	C	D	
<b>Vegetated Cover</b>						
Avg. Grass Height (ft)	3.0	3.5	2.0	2.0	2.5	2.0
Vegetation > 2 inch diameter	✓	✓	✓	✓	✓	✓
Undesirable Species	✓	✓	✓	✓	✓	✓
Sparse/Dead Vegetation	✓	✓	✓	✓	✓	✓
<b>Protective Soil Cover &amp; Cap Component</b>						
Erosion Rill > 6 inch	✓	✓	✓	✓	✓	✓
Large Washouts	✓	✓	✓	✓	✓	✓
Animal Burrowing	✓	✓	✓	✓	✓	✓
Settlement/Subsidence	✓	✓	✓	✓	✓	✓
Surface Water Ponding	✓	✓	✓	✓	✓	✓
Surface Cracking	✓	✓	✓	✓	✓	✓
Sloughing Of Cover	✓	✓	✓	✓	✓	✓
Leachate Breakout	✓	✓	✓	✓	✓	✓
Unauthorized Vehicle Tracks	✓	✓	✓	✓	✓	✓
Unauthorized Dumping	✓	✓	✓	✓	✓	✓
Vandalism	✓	✓	✓	✓	✓	✓
<b>Additional Comments</b>						

Inspector's Certification and Date:  06/25/07  06/29/07

Notes  
 ✓: Satisfactory  
 X: Not Satisfactory  
 Any items marked X will have a detailed description of the unsatisfactory condition on the "Deficiency Form".  
 \*Delineation of inspection locations based on Figure 7-1 from Weston

## 4 FORM E2 DRAINAGE INSPECTION CHECKLIST

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**Checklist Form E2**  
**Edgemere Landfill, Far Rockaway, New York**  
**Drainage System Inspection Checklist**

Checklist Parameters	*Drainage System Inspection Areas					
	A-3	A-4	B	C	D	E
<b>Drainage Swales (Dikes)</b>						
<b>On Landfill</b>						
Avg. Grass Height (ft)	2.5	3.0	2.5	N/A	2.0	2.0
Vegetation > 2 inch diameter	✓	✓	✓	✓	✓	✓
Standing water	✓	✓	✓	✓	✓	✓
Sediment & Debris < 3 inch depth	✓	✓	✓	✓	✓	✓
Erosion/Washout	✓	✓	✓	✓	✓	✓
<b>Perimeter Drainage</b>						
<b>Channels</b>						
Avg. Grass Height (ft)	2.0	2.0	2.5	2.0	2.5	2.5
Vegetation > 2 inch diameter	✓	✓	✓	✓	✓	✓
Standing water	✓	✓	✓	✓	✓	✓
Sediment & Debris < 3 inch depth	✓	✓	✓	✓	✓	✓
Erosion/Washout > 6 inch depth	✓	✓	✓	✓	✓	✓
<b>Additional Comments</b>						

*[Signature]* 06/29/07

Inspector's Certification and Date:

- Notes  
 ✓: Satisfactory  
 X: Not Satisfactory

Any items marked X will have a detailed description of the unsatisfactory condition on the "Deficiency Form".

\*Delineation of inspection locations based on Figure 7-1 from Weston

**5 FORM E3 SEDIMENT CONTROL BASIN A CHECKLIST**

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Checklist Form E3  
Edgemere Landfill, Far Rockaway, New York  
Sediment Control Basin A Checklist

Checklist Parameters	*Sediment Control Basin A Inspection
<u>Basin</u>	
Silt Accumulation	✓
Slope Erosion/Stability	✓
Debris	✓
Settlement	✓
Wetland Vegetation Condition	✓
Vandalism	✓

Checklist Parameters	*Sediment Control Basin A Inspection
<u>Inlet/Outlet Structures</u>	
Debris/Silt blockage	✓
Connection To Pipe	✓
Erosion Around Structure	✓
Rust & Vandalism	✓

<u>Additional Comments</u>	
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Inspector's Certification and Date:



  
 06/25/07      06/29/07

Notes

✓: Satisfactory

X: Not Satisfactory

Any items marked X will have a detailed description of the unsatisfactory condition on the "Deficiency Form".

\*Delineation of inspection locations based on Figure 7-1 from Weston

**6 FORM E4 INSPECTION OF RELATED FACILITIES CHECKLIST**

**Checklist Form E4**  
**Edgemere Landfill, Far Rockaway, New York**  
**Inspection Of Related Facilities Checklist**

Checklist Parameters	*Inspection Of Related Facilities				E	
	A-3	A-4	B	C		D
<b>Groundwater Monitoring Wells</b>						
Ponding Of Water	N/L: HE-216S	N/A	N/L: HE-209U	N/L: HE102 U,S,D	N/A	✓
Vandalism	N/L: HE-216S	N/A	N/L: HE-209U	N/L: HE102 U,S,D	N/A	✓
Missing/Broken Well Cap Locks	N/L: HE-216S	N/A	N/L: HE-209U / SEE COMMENTS	N/L: HE102 U,S,D	N/A	SEE COMMENTS
Damage To Well Casing	N/L: HE-216S	N/A	N/L: HE-209U	N/L: HE102 U,S,D	N/A	✓
<b>Access Roads</b>						
Potholes	✓	✓	✓	✓	✓	✓
Condition Of Asphalt (where paved)	✓	✓	✓	✓	✓	✓
Loss Of Gravel	✓	✓	✓	✓	✓	✓
Debris/Obstruction	✓	✓	✓	✓	✓	✓
Condition Of Guard Rails	✓	✓	X	✓	✓	✓
Uneven Settlement	✓	✓	✓	✓	✓	✓
Ponding Of Water	✓	✓	✓	✓	X	✓
<b>Fence, Gates and Locks</b>						
Condition Of Gates & Locks	✓	✓	N/A	N/A	N/A	N/A
Damage to Fence & Signs	✓	✓	N/A	N/A	N/A	N/A
Overgrown Vegetation	✓	✓	N/A	N/A	N/A	N/A
<b>Additional Comments</b>						
A-3: Ground Water Monitoring Well HE-216 S was not located. B: Ground Water Monitoring Well HE-209 U was not located.						
C: Ground Water Monitoring Wells HE-102 U, S, D were not located. D: Ponding of water on upper access road (see photo).						
B: Missing locks on ground water monitoring wells MW-208 D, U & MW-203 S, U. E: Missing locks on ground water monitoring wells MW-201 U & MW-218 S. B: Missing piece of guard rail in the vicinity of ground water monitoring well MW-208 S, D, U						

  
 06/25/07

**Inspector's Certification and Date:**

Notes  
 ✓: Satisfactory  
 X: Not Satisfactory  
 Any items marked X will have a detailed description of the unsatisfactory condition on the "Deficiency Form".  
 N/L: Not Located  
 N/A: Not applicable  
 \*Delineation of inspection locations based on Figure 7-1 from Weston

## 7 PHOTO SURVEY

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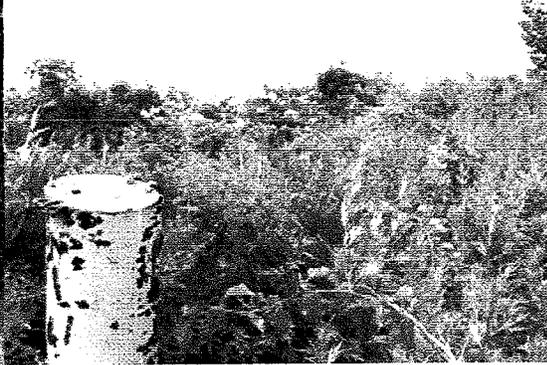
Sediment Basin A discharge and outfall channel.



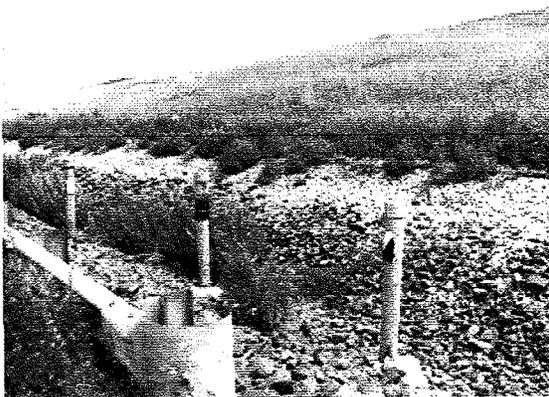
Sediment Basin A inlet in Area A-4



Sediment Basin A riser



Ground water monitoring well MW-203



Ground water monitoring wells MW-208 overlooking side slope in Area B.



Missing guard rail in vicinity of MW-208



Ground water monitoring wells MW-218 overlooking side slope in Area E.



Ground water monitoring wells MW-201 overlooking side slope in Area D.



Area D overlooking Channel D-2



Channel A-2 by inlet of Sediment Basin A



Area A-4 overlooking Channel A-4



Area C overlooking Channel C-1



Diversion Dike A3-2 between LFG wells GE15 and GE18.



Diversion Dike A3-3 from Channel A-3.



Ponding of water on access rd by LFG Well GE51.



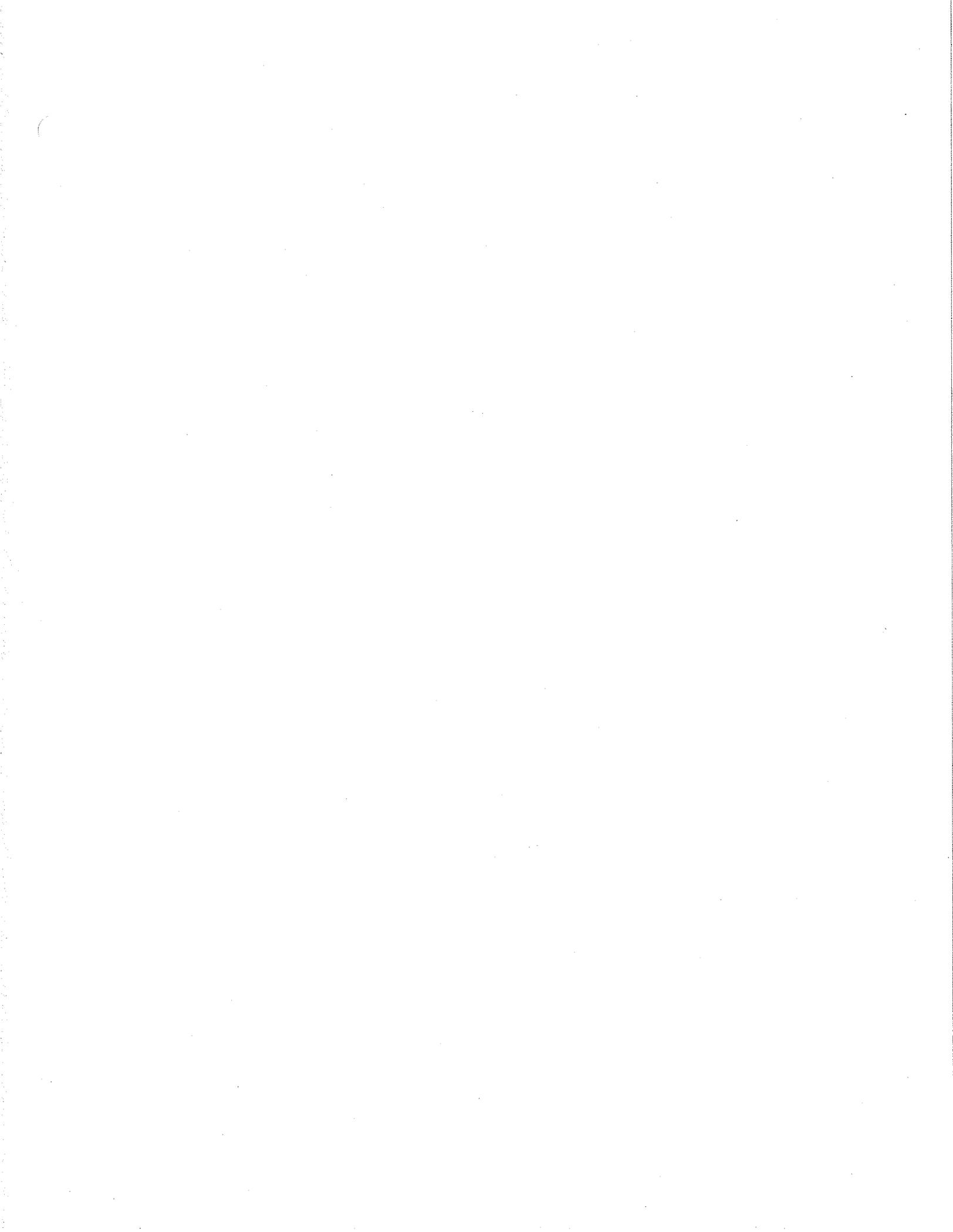
Diversion Terrace 2 in Area C.

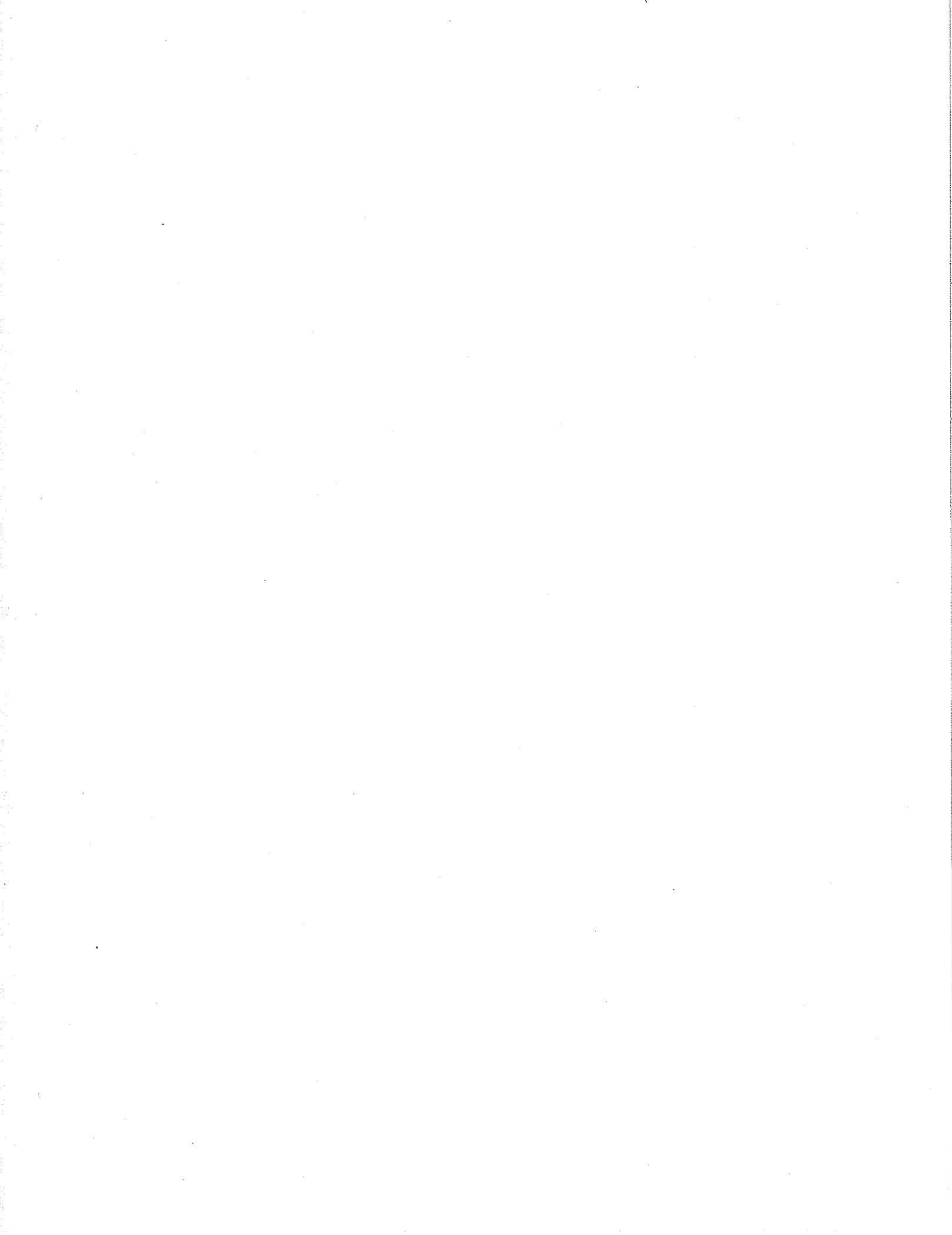


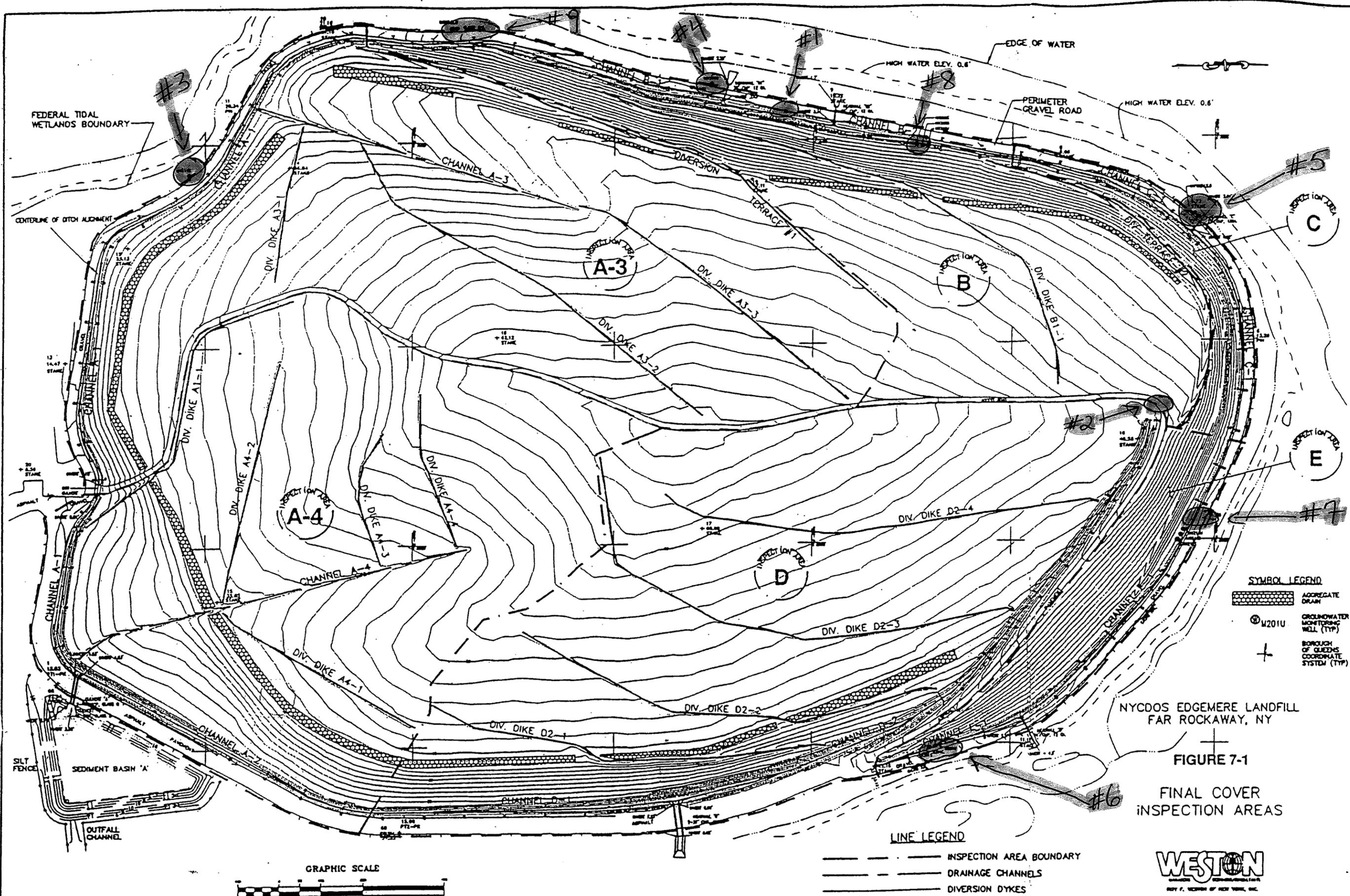
Guard rail along Area C.



Diversion Dike A4-2 overlooking Channel A-4.







NYCDOS EDGEMERE LANDFILL  
FAR ROCKAWAY, NY

FIGURE 7-1

FINAL COVER  
INSPECTION AREAS



**SYMBOL LEGEND**

	AGGREGATE DRAIN
	CIRCUMFERENCE MONITORING WELL (TYP)
	BOROUGH OF QUEENS COORDINATE SYSTEM (TYP)

**LINE LEGEND**

	INSPECTION AREA BOUNDARY
	DRAINAGE CHANNELS
	DIVERSION DYKES



ALL DIMENSIONS SHOWN TO THE CENTERLINE UNLESS OTHERWISE SPECIFIED. DIMENSIONS SHOWN TO THE CENTERLINE UNLESS OTHERWISE SPECIFIED. DIMENSIONS SHOWN TO THE CENTERLINE UNLESS OTHERWISE SPECIFIED.

**APPENDIX B**  
**ANNUAL RAINFALL DATA**

2006 Temp (°F)		Dew Point (°F)			Humidity (%)			Sea Level Pressure (in)			Visibility (mi)			Wind (mph)			Gust Speed (mph)			Precip (in)			Events			
July	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	high	sum							
1	81	73	65	57	55	78	64	50	30.14	30.09	10	9	7	20	11	23		0.00								
2	90	80	69	68	62	59	79	63	47	30.11	30.03	29.94	10	8	5	39	14	47	0.03						Rain, Thunderstorm	
3	86	79	72	70	66	65	84	70	55	30.05	30.02	29.98	10	9	6	22	10	25	0.00							Rain, Thunderstorm
4	86	79	71	72	70	67	93	77	61	29.99	29.97	29.87	9	5	0	29	10	37	0.65							Rain, Thunderstorm
5	76	73	69	72	70	65	97	85	73	29.96	29.89	29.88	10	5	1	21	7	25	0.95							Rain, Thunderstorm
6	78	70	62	68	63	53	97	71	45	30.14	30.00	29.91	10	8	4	17	7	23	0.57							Rain
7	81	72	62	61	52	52	73	55	36	30.24	30.18	30.15	10	10	10	16	9	20	0.00							Rain
8	81	74	67	65	62	59	81	68	54	30.23	30.19	30.09	10	10	10	10	6	15	0.00							Rain
9	84	77	69	68	65	62	93	70	46	30.09	30.06	30.02	10	10	10	22	11	30	0.00							Rain
10	79	73	66	68	62	56	81	69	57	30.10	30.07	30.04	10	10	8	22	10	25	0.00							Rain, Thunderstorm
11	81	75	68	70	66	66	93	81	69	30.12	30.10	30.06	10	8	5	24	11	28	0.00							Rain, Thunderstorm
12	81	76	71	72	69	68	93	81	69	30.11	30.05	29.94	6	4	1	24	8	30	1.41							Rain, Thunderstorm
13	86	77	68	72	71	64	93	72	51	29.99	29.91	29.89	10	7	2	18	11	22	0.03							Rain, Thunderstorm
14	79	73	66	68	66	64	93	80	67	30.05	30.01	29.98	10	9	5	16	8	18	0.00							Rain
15	79	73	67	68	66	64	97	80	62	30.01	29.98	29.91	10	9	4	13	6	15	T							Rain
16	94	82	69	69	66	57	97	64	30	29.97	29.94	29.93	10	9	6	20	8	25	0.00							Rain
17	93	84	74	72	67	64	79	60	41	29.99	29.96	29.91	10	10	9	18	9	20	0.00							Rain, Thunderstorm
18	95	84	73	72	72	64	82	64	46	30.06	29.94	29.92	10	8	5	38	11	45	0.06							Rain, Thunderstorm
19	77	75	73	68	66	65	84	65	45	30.21	30.11	30.01	10	10	6	18	9	24	0.00							Rain, Thunderstorm
20	84	77	70	70	66	64	84	75	65	30.18	30.09	29.98	10	10	10	24	13	36	T							Rain
21	85	78	71	75	70	66	93	81	69	29.99	29.97	29.86	10	7	2	25	8	31	1.04							Rain, Thunderstorm
22	79	76	72	73	70	69	93	88	82	29.86	29.82	29.70	8	5	2	28	11	33	0.09							Rain, Thunderstorm
23	79	74	68	72	67	60	93	75	56	29.94	29.82	29.74	10	9	7	16	8	18	0.01							Rain
24	83	75	67	68	63	57	93	68	43	30.08	29.98	29.94	10	10	10	18	10	-	0.00							Rain
25	80	75	69	70	63	62	93	81	68	30.13	30.09	30.01	10	10	10	23	12	28	0.00							Rain
26	83	77	70	71	69	66	97	80	62	30.03	30.02	29.94	10	9	5	20	10	23	0.00							Rain, Thunderstorm
27	83	78	72	74	69	68	93	84	74	30.01	29.97	29.96	10	8	5	25	12	31	0.17							Rain, Thunderstorm
28	85	79	73	75	70	65	93	78	62	29.99	29.94	29.83	10	8	4	30	12	33	0.05							Rain, Thunderstorm

History : Weather Underground

<u>29</u>	90	82	74	70	68	63	87	65	43	29.95	29.92	29.82	10	9	7	21	12	23	0.00
<u>30</u>	91	85	79	70	69	62	74	58	41	29.84	29.80	29.78	10	9	7	20	10	23	0.00
<u>31</u>	88	81	73	72	65	61	82	64	46	29.92	29.87	29.86	10	10	10	20	10	23	0.00

2006	Temp (°F)			Dew Point (°F)			Humidity (%)			Sea Level Pressure (in)			Visibility (mi)			Wind (mph)			Gust Speed (mph)			Precip (in)			Events
	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	
1	97	87	76	72	72	72	87	67	46	29.92	29.91	29.86	10	7	4	22	11	-	-	-	-	-	-	0.00	
2	97	89	80	77	76	72	85	67	49	29.88	29.88	29.79	8	6	4	23	13	25	25	25	25	25	25	0.00	
3	99	89	79	75	74	66	85	62	39	29.83	29.79	29.74	10	8	4	23	13	26	26	26	26	26	26	0.02	
4	93	85	76	73	69	57	87	66	45	29.96	29.83	29.77	10	10	9	23	11	28	28	28	28	28	28	0.00	
5	91	80	69	68	58	53	79	54	29	30.13	30.02	29.96	10	10	10	16	9	21	21	21	21	21	21	0.00	
6	83	77	71	72	63	59	87	67	47	30.24	30.19	30.14	10	10	10	20	12	22	22	22	22	22	22	0.00	
7	87	81	74	74	68	64	87	74	61	30.14	30.05	29.95	10	8	5	23	11	26	26	26	26	26	26	T	
8	89	80	71	73	62	52	85	60	34	30.09	29.97	29.93	10	10	7	21	11	23	23	23	23	23	23	0.00	
9	81	74	67	61	55	48	68	52	35	30.15	30.12	30.03	10	10	10	20	10	22	22	22	22	22	22	0.00	
10	84	77	69	68	62	61	84	66	48	30.02	29.89	29.79	10	9	4	28	13	35	35	35	35	35	35	Rain, Thunderstorm	
11	80	72	64	65	52	42	84	57	29	30.00	29.89	29.83	10	10	7	20	12	26	26	26	26	26	26	0.00	
12	79	70	61	50	45	38	65	45	24	30.09	30.04	29.99	10	10	10	17	9	22	22	22	22	22	22	0.00	
13	83	72	60	58	48	43	64	46	28	30.12	30.08	30.00	10	10	10	20	10	22	22	22	22	22	22	0.00	
14	82	73	64	68	59	53	79	69	58	30.04	29.96	29.86	10	10	10	25	14	30	30	30	30	30	30	0.00	
15	81	76	70	68	66	64	90	76	62	29.99	29.87	29.80	10	9	6	16	9	21	21	21	21	21	21	0.01	
16	83	75	66	68	59	53	90	64	37	30.17	30.08	30.00	10	10	10	15	7	17	17	17	17	17	17	0.00	
17	81	76	70	67	62	59	84	64	43	30.25	30.20	30.18	10	10	9	15	7	16	16	16	16	16	16	0.00	
18	81	74	67	67	63	54	93	68	42	30.24	30.23	30.14	10	9	5	13	6	15	15	15	15	15	15	0.00	
19	81	74	66	71	64	63	93	78	62	30.14	30.02	29.90	10	10	10	22	12	26	26	26	26	26	26	T	
20	91	82	73	72	69	57	87	63	38	29.88	29.83	29.78	10	9	7	26	15	36	36	36	36	36	36	0.13	
21	88	79	69	57	56	45	66	46	26	30.06	29.95	29.88	10	10	10	22	12	26	26	26	26	26	26	0.00	
22	83	76	69	67	56	51	84	61	37	30.09	30.06	30.00	10	10	10	17	9	18	18	18	18	18	18	0.00	
23	89	79	68	64	55	43	81	53	25	30.00	30.00	29.93	10	10	10	18	8	22	22	22	22	22	22	0.00	
24	80	75	69	66	57	47	79	60	41	30.01	29.97	29.96	10	10	10	15	7	17	17	17	17	17	17	T	
25	78	73	68	70	64	62	90	79	67	30.07	29.99	29.96	10	9	5	16	9	18	18	18	18	18	18	0.01	
26	71	68	65	63	62	57	93	80	66	30.24	30.10	30.06	10	8	4	20	13	66	66	66	66	66	66	0.56	
27	74	70	66	71	60	54	93	75	57	30.25	30.11	29.99	10	9	6	23	14	-	-	-	-	-	-	0.23	
28	79	75	71	72	71	66	93	80	67	29.99	29.94	29.85	10	7	2	22	8	24	24	24	24	24	24	0.41	
29	72	69	65	67	66	62	93	86	78	29.86	29.86	29.79	10	8	2	16	9	20	20	20	20	20	20	0.48	
30	76	70	64	63	62	59	93	78	62	30.03	29.92	29.86	10	9	3	15	7	17	17	17	17	17	17	0.05	
31	73	68	62	63	51	45	87	63	38	30.24	30.14	30.03	10	10	10	16	11	120	120	120	120	120	120	0.00	

2006 September	Temp (°F)			Dew Point (°F)			Humidity (%)			Sea Level Pressure (in)			Visibility (mi)			Wind (mph)			Gust Speed (mph)			Precip (in)			Events
	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	
1	70	65	60	57	53	50	84	69	53	30.27	30.25	30.18	10	10	10	24	14	29						0.07	Rain
2	69	65	60	65	56	54	93	87	81	30.19	30.10	29.99	10	6	2	40	26	51						0.28	Rain
3	78	71	64	66	64	52	93	73	52	30.12	30.07	30.05	10	9	4	13	10	15						T	Rain
4	79	71	62	56	55	52	78	59	40	30.10	30.06	30.03	10	10	10	23	10	25						0.00	Rain
5	71	67	62	61	54	53	93	75	57	30.12	30.10	29.96	10	7	2	14	4	16						0.40	Rain
6	76	69	62	63	60	57	93	76	58	30.05	29.95	29.94	10	9	4	14	6	16						T	
7	80	71	61	61	57	56	87	69	50	30.11	30.06	30.04	10	10	7	12	6	14						0.00	
8	80	72	64	64	60	58	87	71	54	30.12	30.08	30.04	10	9	5	18	9	144						0.00	
9	81	74	66	67	62	61	87	71	54	30.06	30.06	29.99	9	6	3	20	10	22						0.00	
10	74	67	60	59	58	48	84	67	49	30.27	30.15	30.06	10	10	9	18	9	22						0.00	
11	71	63	55	52	47	40	77	56	35	30.38	30.32	30.29	10	10	10	21	11	25						0.00	
12	70	61	51	47	40	36	71	50	29	30.33	30.29	30.18	10	10	10	16	7	21						0.00	
13	71	64	56	57	49	47	77	67	57	30.17	30.12	30.03	10	10	10	17	9	21						0.00	
14	69	67	65	64	60	58	93	83	73	30.04	30.02	29.99	10	7	2	31	10	-						0.59	Rain
15	68	67	66	65	65	62	93	90	87	30.06	29.99	29.96	10	7	0	26	10	-						0.93	Rain , Thunderstorm
16	79	72	64	63	62	51	93	66	39	30.12	30.06	30.04	10	10	8	16	8	21						T	Thunderstorm
17	81	73	64	65	60	58	87	66	45	30.03	29.98	29.89	10	10	10	13	7	15						0.00	
18	78	71	63	65	63	61	93	76	58	29.94	29.90	29.85	10	9	6	20	9	23						0.00	
19	77	72	67	70	65	55	93	73	53	29.85	29.77	29.67	10	6	2	20	10	23						0.04	Rain
20	72	65	58	59	52	45	84	63	41	29.88	29.75	29.68	10	10	10	24	13	29						0.00	
21	70	61	52	43	41	38	66	51	35	30.17	30.05	29.90	10	10	10	20	11	24						0.00	
22	70	60	50	54	46	43	86	63	39	30.24	30.20	30.11	10	10	10	20	10	24						0.00	
23	76	71	65	66	59	55	90	79	68	30.10	29.93	29.80	10	6	2	22	11	26						0.22	Rain
24	82	75	67	70	66	63	93	74	55	29.80	29.70	29.61	10	7	3	25	13	31						T	
25	73	68	63	59	52	45	78	60	41	29.90	29.79	29.71	10	10	10	20	13	23						0.00	
26	73	66	58	50	45	42	67	51	35	30.06	29.95	29.90	10	10	10	16	10	22						0.00	
27	73	64	55	60	53	47	84	67	49	30.05	30.04	29.96	10	10	8	14	9	16						0.00	
28	73	66	58	64	57	55	87	77	66	29.95	29.84	29.72	10	10	10	21	12	25						T	
29	68	61	54	63	48	35	90	65	39	30.04	29.82	29.67	10	10	8	23	13	26						0.05	Rain
30	67	58	49	53	43	41	71	57	43	30.19	30.14	30.04	10	10	10	21	10	24						0.00	

2006 October	Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in)		Events			
	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low		sum		
1	69	63	57	63	47	90	71	52	30.08	30.04	29.97	10	9	2	24	11	29	0.25	Rain	
2	71	63	55	48	47	44	77	59	40	30.20	30.11	30.06	10	10	20	9	23	0.00		
3	75	64	52	62	54	50	90	70	49	30.22	30.19	30.10	10	10	16	8	18	0.00		
4	74	68	62	64	60	59	90	79	68	30.14	30.02	29.91	10	8	2	18	10	22	0.68	Rain, Thunderstorm
5	67	60	53	64	50	39	93	67	40	30.25	30.12	29.91	10	9	3	25	12	30	0.15	Rain, Thunderstorm
6	58	56	53	46	45	40	72	62	51	30.40	30.32	30.24	10	10	24	16	31	0.02	Rain	
7	64	58	52	48	43	41	77	67	56	30.39	30.37	30.35	10	10	22	13	29	T	Rain	
8	66	58	50	52	46	46	86	69	52	30.38	30.32	30.22	10	10	12	7	14	0.00		
9	74	64	53	59	51	48	86	70	53	30.21	30.13	30.04	10	10	15	7	17	0.00		
10	76	67	57	59	53	50	90	67	44	30.05	30.04	29.97	10	10	15	7	16	0.00		
11	64	62	59	59	55	53	96	85	73	30.01	29.86	29.63	10	7	2	15	11	22	0.79	Rain
12	70	60	50	63	53	21	96	62	28	29.73	29.57	29.53	10	8	5	28	12	32	0.16	Rain
13	55	48	41	34	23	15	56	42	28	29.94	29.89	29.80	20	11	10	25	13	31	T	
14	60	52	44	37	30	20	71	48	24	29.99	29.88	29.78	10	10	23	14	32	0.00		
15	59	51	42	33	29	27	67	50	33	30.19	30.08	30.01	10	10	20	10	25	0.00		
16	60	50	39	43	36	32	79	59	36	30.33	30.27	30.21	10	10	10	12	5	0.00		
17	63	59	55	59	47	42	93	75	57	30.30	30.08	29.90	10	7	3	30	15	37	1.03	Rain
18	75	69	62	62	60	52	93	74	54	29.87	29.86	29.80	10	6	1	22	11	25	T	
19	67	61	55	61	52	51	87	77	67	29.89	29.83	29.70	10	9	4	17	8	20	0.08	Rain
20	66	57	47	64	52	31	93	71	49	29.79	29.52	29.31	10	4	0	41	15	48	0.30	Rain
21	59	52	45	38	33	31	65	51	36	30.06	29.95	29.80	10	10	26	14	32	0.00		
22	61	51	41	49	39	37	89	71	53	30.06	29.93	29.74	10	10	8	23	9	26	T	Rain
23	57	51	45	49	35	24	72	55	38	29.75	29.71	29.70	10	10	24	16	29	0.00		
24	53	48	42	30	28	27	57	48	39	29.82	29.72	29.68	10	10	26	17	32	0.00		
25	56	50	43	32	30	27	67	53	38	30.02	29.90	29.82	10	10	31	19	38	0.00		
26	52	46	39	31	28	27	62	51	39	30.19	30.08	30.03	10	10	22	13	28	0.00		
27	51	43	34	47	33	27	93	70	46	30.23	30.09	29.89	10	9	5	20	6	23	0.34	Rain
28	65	56	46	61	47	30	93	70	46	29.85	29.34	29.10	10	6	2	39	28	54	1.07	Rain
29	55	50	45	32	27	20	58	42	26	29.92	29.63	29.39	10	10	39	25	47	0.00		
30	61	53	44	41	30	25	66	47	27	30.08	30.01	29.95	10	10	21	14	25	0.00		
31	63	55	46	53	46	39	86	75	64	30.07	29.97	29.89	10	10	15	10	17	0.00		

2006 November	Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in) sum	Events			
	high	avg	low	high	low	high	low	high	low	high	low	high	avg	high			T		
1	69	62	55	53	48	48	93	71	49	30.02	29.97	29.91	10	9	15	8	20	Rain	
2	57	51	44	51	36	24	93	66	39	30.10	29.97	29.87	10	9	5	23	11	29	Rain
3	49	43	37	24	21	17	50	41	31	30.41	30.29	30.13	10	10	25	14	29	0.00	
4	48	41	34	23	21	17	59	45	31	30.47	30.41	30.41	10	10	18	9	21	0.00	
5	49	41	33	32	26	21	76	55	34	30.55	30.47	30.48	10	10	10	13	5	16	0.00
6	54	46	37	41	32	29	77	59	41	30.49	30.46	30.37	10	10	9	15	8	17	0.00
7	59	52	45	55	44	39	100	79	57	30.36	30.17	30.01	10	7	0	14	6	17	0.03
8	60	58	56	59	55	54	100	93	86	29.99	29.59	29.40	10	4	0	22	11	26	1.83
9	70	63	56	57	56	45	100	77	53	29.64	29.49	29.40	10	9	1	23	13	29	0.00
10	62	56	49	45	40	36	62	52	42	30.05	29.93	29.67	10	10	26	11	32	0.00	
11	63	53	43	56	47	39	96	79	61	30.05	29.97	29.88	10	8	5	21	9	26	0.00
12	63	58	52	60	56	50	100	93	86	30.01	29.89	29.87	10	4	0	21	10	24	0.24
13	62	59	55	57	55	53	93	86	78	29.99	29.91	29.77	10	9	6	28	18	35	0.11
14	59	56	53	55	53	51	93	87	80	29.92	29.79	29.72	10	9	4	21	10	24	0.11
15	62	58	54	58	52	52	100	90	80	30.01	29.94	29.91	10	6	0	13	7	16	0.00
16	65	61	56	63	57	55	100	92	84	29.99	29.77	29.59	10	6	0	35	19	45	0.32
17	64	57	49	59	44	32	93	70	46	29.93	29.78	29.58	10	7	30	15	37	0.01	
18	52	47	42	35	33	32	70	59	48	29.96	29.92	29.92	10	10	18	10	23	0.00	
19	49	46	43	33	33	29	65	57	49	29.96	29.93	29.91	10	10	17	11	21	0.00	
20	45	42	39	28	28	24	64	57	49	30.36	30.15	29.95	10	10	10	17	11	21	0.00
21	46	40	33	29	24	21	64	51	38	30.53	30.47	30.36	10	10	20	9	22	0.00	
22	46	43	40	37	31	29	70	62	53	30.45	30.34	30.23	10	10	7	26	18	32	0.03
23	45	44	42	43	38	37	93	88	82	30.21	30.07	29.96	10	7	2	29	19	35	1.56
24	59	51	42	38	26	18	89	58	26	30.30	30.16	29.97	10	10	6	28	14	33	0.12
25	52	44	36	40	34	26	92	73	53	30.43	30.39	30.30	10	8	12	6	14	0.00	
26	56	47	37	45	39	35	100	81	61	30.39	30.36	30.33	10	9	6	16	6	17	0.00
27	59	50	41	46	42	41	96	77	57	30.33	30.31	30.24	10	9	6	13	8	16	0.00
28	58	51	43	48	43	42	93	78	62	30.42	30.32	30.27	10	7	5	20	9	23	0.00
29	58	53	48	52	46	46	93	83	72	30.42	30.40	30.31	7	6	4	15	7	17	0.00
30	60	57	53	54	53	52	93	86	78	30.29	30.17	30.02	10	5	0	22	13	28	0.00

2006 December	Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)	Precip (in)	Events					
	high	low	high	low	high	low	high	low	high	low	high	low	high	avg	sum					
1	64	57	50	59	52	30	96	69	41	29.99	29.74	29.50	10	5	0	41	23	51	0.05	Rain , Thunderstorm
2	50	45	39	28	27	20	57	45	33	30.39	30.14	29.87	10	10	10	32	18	41	0.00	
3	44	40	35	34	24	19	70	55	39	30.49	30.37	30.18	10	10	10	18	9	23	0.00	
4	43	37	31	30	18	10	70	51	32	30.19	30.09	30.02	10	10	10	29	15	-	T	
5	38	34	29	17	14	9	53	43	32	30.42	30.29	30.16	10	10	10	25	14	30	0.00	
6	49	39	28	39	28	17	71	56	41	30.41	30.27	30.05	10	10	10	33	17	38	0.00	
7	54	41	27	39	30	7	71	53	35	30.06	29.94	29.86	10	10	10	35	15	41	0.00	
8	30	25	19	15	2	-6	51	41	31	30.36	30.24	30.05	10	10	9	38	23	46	0.00	
9	39	32	24	19	13	10	60	46	32	30.41	30.37	30.34	10	10	10	23	17	28	0.00	
10	53	44	35	31	20	17	62	45	28	30.35	30.32	30.26	10	10	10	22	14	25	0.00	
11	58	48	38	33	25	18	70	46	21	30.53	30.41	30.34	10	10	10	14	8	15	0.00	
12	49	45	40	42	33	30	77	67	57	30.62	30.58	30.49	10	10	9	16	8	18	0.00	
13	54	51	48	51	44	43	96	85	74	30.45	30.23	30.09	10	6	0	15	11	20	0.16	Fog , Rain
14	49	46	43	46	46	41	100	93	86	30.09	30.08	29.94	7	2	0	15	9	18	0.00	Fog
15	51	47	43	45	44	36	100	83	66	29.93	29.81	29.70	10	3	0	26	9	35	T	Fog
16	52	45	37	31	30	26	70	55	39	30.22	30.10	29.83	10	10	10	26	11	32	0.00	
17	53	44	35	39	31	28	85	70	54	30.22	30.15	30.06	10	10	10	17	10	18	0.00	
18	60	52	44	46	36	24	77	61	45	30.21	30.09	29.99	10	10	9	28	13	32	T	
19	47	42	36	25	24	17	50	44	37	30.38	30.27	30.20	10	10	10	24	12	29	0.00	
20	44	38	31	29	21	21	61	51	40	30.50	30.43	30.36	10	10	10	20	11	23	0.00	
21	52	45	38	32	30	22	70	54	38	30.38	30.30	30.23	10	10	10	20	11	22	0.00	
22	51	43	34	49	36	23	93	74	54	30.44	30.31	30.11	10	9	4	17	10	22	0.49	Rain
23	59	53	46	54	46	33	100	73	46	30.06	29.82	29.72	10	6	0	24	16	30	0.67	Fog , Rain
24	54	48	42	35	33	26	70	54	38	30.25	30.06	29.90	10	10	10	29	15	36	0.00	
25	47	41	35	44	32	27	93	71	49	30.27	30.09	29.68	10	8	3	24	9	30	0.43	Rain
26	55	50	44	49	44	30	100	79	58	29.62	29.47	29.38	10	6	0	24	12	31	0.11	Fog , Rain
27	44	41	38	30	27	20	62	51	39	30.22	29.88	29.58	10	10	10	29	18	35	0.00	
28	49	42	35	30	25	22	75	59	42	30.47	30.36	30.24	10	10	10	20	11	22	0.00	
29	49	42	35	34	30	18	67	57	46	30.68	30.58	30.49	10	10	10	13	7	15	0.00	
30	50	41	32	39	28	18	76	62	47	30.64	30.46	30.30	10	10	10	23	10	29	0.00	
31	45	39	32	35	24	22	70	57	44	30.49	30.42	30.27	10	10	10	20	10	23	0.00	

2007 January	Temp (°F)			Dew Point (°F)			Humidity (%)			Sea Level Pressure (in)			Visibility (mi)			Wind (mph)			Gust Speed (mph)			Precip (in)			Events
	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	high	avg	low	high	high	avg	low	sum	
1	55	50	45	53	45	35	100	83	65	30.25	29.89	29.70	10	4	0	28	14	35					1.18	Fog, Rain	
2	52	44	36	39	27	20	71	53	34	30.38	30.11	29.79	10	10	10	33	17	40					0.00		
3	51	42	32	35	27	25	75	59	42	30.42	30.34	30.24	10	10	10	20	11	23					0.00		
4	53	45	37	43	35	32	83	73	63	30.23	30.19	30.07	10	10	10	17	9	20					0.00		
5	56	51	46	54	45	44	100	93	86	30.06	29.99	29.83	10	5	0	17	9	20					0.06	Fog, Rain	
6	71	61	51	58	49	35	100	71	42	30.03	29.78	29.64	10	6	0	28	16	35					0.02	Fog, Rain	
7	56	50	44	45	33	22	86	60	34	30.36	30.22	29.99	10	9	5	25	11	30					0.17	Rain	
8	55	47	38	52	40	16	96	65	33	29.94	29.66	29.55	10	5	0	33	17	44					1.24	Fog, Rain	
9	45	40	34	26	18	16	59	48	36	29.90	29.84	29.77	10	10	10	30	17	36					0.00		
10	36	33	29	17	11	4	59	42	25	30.46	30.14	29.86	10	10	10	29	19	37					T		
11	38	32	26	28	14	10	64	52	40	30.68	30.58	30.47	10	10	10	20	11	24					0.00		
12	50	45	39	35	29	26	70	60	49	30.50	30.38	30.27	10	10	10	24	13	29					T		
13	56	49	41	49	42	37	89	80	70	30.28	30.21	30.15	10	8	6	14	9	16					0.06	Rain	
14	47	45	43	45	41	39	100	91	82	30.27	30.25	30.15	9	3	0	12	7	16					0.07	Fog, Rain	
15	52	47	41	49	39	38	96	89	82	30.21	29.91	29.72	10	3	0	14	7	16					0.01	Rain	
16	56	40	23	48	25	0	89	62	35	30.37	30.01	29.73	10	10	8	33	20	43					T		
17	30	25	19	9	0	-1	46	39	31	30.77	30.66	30.38	10	10	10	35	15	40					0.00		
18	37	30	22	34	22	8	92	72	51	30.72	30.46	30.08	10	7	3	13	5	15					0.10	Rain, Snow	
19	44	38	32	34	29	15	92	64	36	30.07	29.84	29.75	10	7	2	32	16	40					0.02	Snow	
20	34	28	22	21	10	-1	63	46	28	30.28	29.99	29.85	10	9	0	39	24	47					0.03	Snow	
21	30	25	19	9	4	-2	49	39	29	30.42	30.32	30.18	10	10	10	26	9	30					0.00		
22	33	29	25	26	18	13	81	62	42	30.15	29.93	29.81	10	10	9	9	3	10					T		
23	37	33	29	25	18	14	72	56	40	29.95	29.86	29.80	10	10	10	23	13	26					0.00		
24	42	36	30	22	19	13	63	49	34	30.01	29.97	29.93	10	10	10	17	11	23					T		
25	36	26	16	23	10	-6	75	52	29	29.92	29.85	29.76	10	9	5	32	12	36					0.00		
26	24	17	9	0	-9	-11	50	39	28	30.04	29.98	29.91	10	10	10	36	21	43					0.00		
27	39	30	21	28	16	0	64	52	39	30.01	29.83	29.71	10	10	6	16	7	17					0.01	Rain	
28	42	37	31	33	24	17	89	63	36	29.72	29.67	29.59	10	8	2	21	7	24					0.09	Rain, Snow	
29	31	27	23	23	10	0	78	54	29	30.04	29.88	29.61	10	9	3	31	18	38					0.02	Snow	
30	36	29	22	22	11	7	61	51	40	30.07	29.96	29.85	10	10	10	23	13	25					0.00		
31	34	30	26	25	14	5	78	54	29	30.15	30.03	29.84	10	9	2	25	16	30					0.01	Snow	

2007		Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in)		Events		
	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	sum			
1	36	31	26	16	7	72	57	42	30.14	30.04	29.92	10	10	10	25	11	29	0.00		
2	39	36	32	25	25	85	77	69	29.89	29.71	29.60	10	6	2	18	6	117	0.17	Rain, Snow	
3	36	30	24	29	5	75	49	23	30.03	29.92	29.65	10	10	8	32	20	38	0.00		
4	31	25	18	12	-4	47	35	23	30.15	30.07	29.99	10	10	10	32	21	39	0.00		
5	19	14	9	-7	-12	40	34	27	30.23	30.14	30.07	10	10	10	33	23	41	0.00		
6	25	18	11	-1	-6	7	52	42	31	30.25	30.17	30.07	10	10	10	24	16	28	0.00	Snow
7	26	20	13	4	-2	8	64	44	30.06	30.00	29.93	10	10	9	24	15	31	0.00		
8	30	23	15	2	-4	51	38	24	30.01	29.97	29.91	10	10	10	28	19	37	0.00		
9	33	26	19	8	0	46	38	30	30.02	29.92	29.90	10	10	10	29	20	33	0.00		
10	35	29	23	11	8	55	42	29	30.17	30.05	29.94	10	10	10	23	14	30	0.00		
11	32	26	19	11	3	49	41	33	30.28	30.24	30.18	10	10	10	21	12	24	0.00		
12	41	32	22	19	10	9	55	44	33	30.26	30.22	30.15	10	10	10	21	12	28	0.00	
13	33	28	22	15	3	59	40	21	30.43	30.28	30.15	10	10	6	23	13	26	0.01	Rain, Snow	
14	32	25	18	28	18	85	74	62	30.03	29.43	29.08	10	4	1	36	21	44	0.59	Rain, Snow	
15	26	21	16	5	2	56	46	35	29.90	29.80	29.64	10	10	10	29	20	37	0.00		
16	30	23	16	8	2	54	47	39	29.88	29.82	29.75	10	10	10	30	21	37	0.00		
17	34	28	21	20	9	56	48	39	29.93	29.87	29.75	10	10	10	23	14	26	0.00		
18	33	26	18	21	12	69	53	36	29.89	29.74	29.65	10	10	10	39	17	45	0.00		
19	31	23	14	14	2	47	40	33	30.11	30.04	29.91	10	10	10	33	20	41	0.00		
20	46	37	28	32	21	70	58	45	29.98	29.78	29.67	10	10	7	21	10	25	0.07	Rain	
21	50	43	35	34	26	89	59	29	29.96	29.85	29.66	10	9	6	3	8	3	0.05	Rain	
22	45	37	29	36	28	85	63	41	29.94	29.67	29.53	10	9	5	30	9	35	0.10	Rain	
23	40	31	22	26	13	64	46	28	30.00	29.84	29.56	10	10	10	36	23	44	0.00		
24	44	33	21	16	8	52	43	33	30.14	30.03	29.98	10	10	10	33	19	39	0.00		
25	36	30	24	28	15	85	63	40	30.22	30.02	29.82	10	8	0	18	9	22	0.19	Rain, Snow	
26	35	33	31	31	28	89	86	82	29.90	29.78	29.74	10	6	2	17	7	20	0.20	Rain, Snow	
27	42	38	33	35	31	92	74	55	30.01	29.90	29.89	9	6	4	9	3	-	0.00	T	
28	47	41	34	32	23	14	92	60	28	30.16	30.06	30.00	10	10	6	15	9	18	0.00	

**APPENDIX A**  
**FINAL COVER INSPECTION AREAS (MAP FIG. 7-1)**

2007 Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in)		Events	
high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	sum	
43	36	29	35	79	55	30	30.22	30.12	29.93	10	10	5	21	9	26	0.13	Rain
59	50	40	52	100	64	28	29.90	29.49	29.35	10	5	0	31	17	37	1.58	Fog, Rain
55	44	32	32	76	50	24	29.70	29.65	29.54	10	10	8	29	9	36	T	
42	38	34	23	56	46	35	29.85	29.74	29.68	10	10	10	28	17	32	0.00	Snow
43	33	22	25	69	48	26	30.02	29.83	29.71	10	9	1	40	22	47	T	
22	18	13	-2	42	31	20	30.48	30.32	30.03	10	10	10	45	26	53	0.05	Snow
23	18	13	14	80	55	29	30.45	30.34	30.18	10	5	1	17	7	21	0.00	
37	27	17	11	57	42	27	30.47	30.28	30.16	10	10	10	30	15	35	0.00	
32	23	14	23	72	47	22	30.58	30.53	30.43	10	10	10	16	10	18	0.00	
50	38	26	40	89	78	66	30.41	30.27	30.14	10	9	8	30	12	35	0.01	Rain
53	46	38	43	89	62	35	30.32	30.21	30.09	10	9	5	24	12	31	0.23	Rain
49	40	30	34	82	75	38	30.35	30.31	30.22	10	10	10	18	8	21	0.00	
48	42	35	38	82	71	60	30.23	30.18	30.09	10	10	9	22	10	25	0.00	
57	49	40	43	92	77	61	30.10	29.99	29.86	9	8	6	26	9	33	0.00	
62	49	36	46	89	75	60	30.22	30.00	29.85	10	9	5	30	11	38	0.30	Rain
36	32	27	33	89	84	78	30.24	30.09	29.68	10	5	1	28	18	33	1.08	Rain, Snow
37	32	26	27	85	68	51	29.81	29.64	29.54	10	8	3	28	16	32	0.01	Rain, Snow
39	33	27	19	74	51	27	30.24	29.97	29.82	10	10	10	29	18	36	T	
40	35	29	33	79	59	38	30.42	30.27	30.09	10	10	10	32	16	37	T	
52	43	33	35	79	51	23	30.66	30.31	30.05	10	10	10	30	16	35	0.00	
40	33	26	32	76	54	31	30.79	30.71	30.57	10	10	10	17	12	21	0.00	
54	47	40	45	86	79	71	30.54	30.25	30.06	10	9	5	25	11	29	0.04	Rain
61	54	46	53	93	71	49	30.26	30.13	30.05	10	7	3	15	6	16	0.14	Rain
53	47	41	38	82	59	35	30.40	30.32	30.22	10	10	8	21	11	24	0.04	Rain
53	45	37	38	86	65	44	30.53	30.41	30.22	10	9	5	17	9	21	0.00	
48	42	36	42	93	82	71	30.53	30.35	30.06	10	10	10	26	13	31	0.00	
78	62	45	53	93	65	36	30.09	30.00	29.94	10	9	6	28	13	32	0.03	Rain
64	55	46	46	80	47	14	30.35	30.22	30.10	10	10	10	25	13	31	0.00	
57	48	39	13	28	19	9	30.44	30.39	30.32	10	10	10	31	17	39	0.00	
65	52	39	34	43	25	7	30.42	30.28	30.14	10	10	10	21	11	23	0.00	
53	47	40	32	70	46	21	30.30	30.24	30.18	10	10	10	16	9	21	0.00	

2007 Temp (°F) Dew Point (°F) Humidity (%) Sea Level Pressure (in) Visibility (mi) Wind (mph) Gust Speed (mph) Precip (in) Events

April	high	avg	low	high	avg	low	high	avg	low	high	avg	low	high	avg	high	sum	Events			
1	49	46	42	42	34	32	89	73	56	30.30	30.18	30.02	10	8	2	18	9	22	0.11	Rain
2	51	47	43	44	42	39	100	86	71	30.07	29.95	29.90	9	4	0	16	7	18	0.16	Rain
3	53	47	41	46	42	34	93	82	70	30.17	30.11	30.07	10	6	1	24	11	30	0.01	
4	44	42	40	41	34	34	89	81	73	30.15	29.84	29.66	10	7	2	30	15	33	0.99	Rain
5	47	41	35	37	23	11	82	56	30	29.81	29.69	29.63	10	10	10	30	20	39	T	Snow
6	43	38	33	21	17	13	52	43	34	29.83	29.80	29.75	10	10	10	28	15	31	T	Snow
7	43	37	31	18	15	8	58	42	25	29.79	29.71	29.63	10	10	10	24	12	29	0.00	
8	43	37	31	19	15	11	53	43	33	29.96	29.85	29.80	10	10	10	28	19	36	T	Snow
9	49	41	33	20	17	15	52	41	29	30.02	29.98	29.92	10	10	10	23	15	28	0.00	
10	51	43	35	20	19	14	52	38	24	30.14	30.04	30.00	10	10	10	21	13	26	0.00	
11	48	40	32	33	22	16	62	48	33	30.22	30.18	30.08	10	10	10	15	8	18	T	Rain
12	44	42	40	41	33	30	89	76	62	30.07	29.78	29.62	10	6	1	32	16	39	1.48	Rain
13	52	47	42	37	33	26	82	60	38	29.99	29.86	29.74	10	10	10	35	20	131	0.00	
14	56	48	39	35	26	23	70	50	30	30.05	30.00	29.96	10	10	10	26	13	-	T	
15	54	48	41	50	38	36	90	83	76	29.98	29.49	28.94	10	4	0	36	21	48	2.60	Rain, Thunderstorm
16	55	48	40	52	44	34	93	79	65	29.26	28.88	28.60	10	5	0	25	15	30	0.10	Rain
17	52	47	42	38	38	34	82	66	50	29.60	29.47	29.28	10	10	6	29	19	38	0.01	Rain
18	51	47	43	37	35	33	70	61	52	29.89	29.78	29.60	10	10	10	25	14	31	T	
19	59	52	45	40	38	34	71	59	47	30.04	29.92	29.86	10	10	10	18	10	22	T	
20	70	56	42	35	28	19	70	43	16	30.14	30.04	30.02	10	10	10	21	10	25	0.00	
21	78	59	40	39	31	22	70	41	12	30.17	30.14	30.06	10	10	10	17	7	21	0.00	
22	72	61	50	41	30	26	68	43	18	30.23	30.17	30.12	10	10	10	13	7	14	0.00	
23	69	59	48	48	42	42	80	61	42	30.16	30.02	29.87	10	10	10	25	11	30	0.00	
24	77	67	56	53	41	30	72	46	20	30.04	29.92	29.85	10	10	10	28	13	32	0.00	
25	64	56	48	43	32	24	80	55	30	30.11	30.05	29.99	10	10	8	21	11	24	0.11	Rain
26	57	52	47	43	43	39	86	73	59	30.24	30.17	30.09	10	10	10	16	10	20	0.00	
27	57	53	48	54	44	43	96	85	74	30.06	29.96	29.81	10	5	1	18	5	21	1.41	Rain, Thunderstorm
28	70	61	52	54	51	44	93	69	44	29.81	29.79	29.71	10	7	0	21	11	25	T	Fog, Rain
29	68	60	51	47	46	41	67	55	42	29.91	29.79	29.75	10	10	10	23	11	26	T	Rain
30	81	65	49	47	36	21	80	46	11	29.92	29.80	29.64	10	10	10	39	17	47	T	Rain

2007 May	Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in)		Events			
	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low		sum		
<u>1</u>	65	57	49	45	34	27	80	55	30	30.05	30.00	29.91	10	10	4	21	11	25	0.60	Rain , Thunderstorm
<u>2</u>	67	58	49	50	46	44	90	69	48	30.09	29.92	29.78	10	9	5	17	7	22	0.22	Rain , Thunderstorm
<u>3</u>	65	56	47	44	31	22	71	46	20	30.25	30.20	30.12	10	10	10	22	9	25	0.00	
<u>4</u>	69	58	47	41	30	22	68	43	18	30.27	30.22	30.14	10	10	10	21	10	23	0.00	
<u>5</u>	66	57	47	41	33	23	63	42	20	30.18	30.14	30.05	10	10	10	26	8	33	0.00	
<u>6</u>	61	53	45	40	28	17	65	45	24	30.49	30.38	30.13	10	10	10	29	16	36	0.00	
<u>7</u>	60	51	41	39	33	28	76	55	33	30.50	30.46	30.37	10	10	10	15	7	17	0.00	
<u>8</u>	62	54	45	50	39	36	90	69	47	30.36	30.27	30.17	10	10	10	15	7	18	0.00	
<u>9</u>	74	63	52	61	53	50	93	79	64	30.17	30.15	30.04	10	6	0	22	9	24	0.00	
<u>10</u>	72	65	57	63	57	55	100	87	73	30.05	30.04	29.94	10	2	0	15	7	17	0.00	Fog
<u>11</u>	70	64	57	61	56	55	100	87	73	29.94	29.94	29.83	10	4	0	12	6	13	0.42	Fog , Rain , Thunderstorm
<u>12</u>	72	63	53	58	55	46	90	69	47	30.05	29.96	29.88	10	9	4	20	11	23	0.21	Rain
<u>13</u>	69	60	51	49	34	19	83	49	15	30.22	30.11	30.03	10	10	5	24	11	30	T	Rain
<u>14</u>	64	56	47	45	32	20	62	41	19	30.35	30.29	30.19	10	10	10	24	13	29	0.00	
<u>15</u>	82	68	54	56	47	38	64	52	39	30.19	29.96	29.80	10	10	10	25	16	29	0.00	
<u>16</u>	73	67	61	63	56	56	90	74	57	29.83	29.75	29.64	10	9	5	35	12	41	0.39	Rain , Thunderstorm
<u>17</u>	68	61	53	53	48	44	77	63	48	30.19	30.07	29.84	10	10	10	20	12	23	0.00	
<u>18</u>	53	50	47	44	42	40	86	77	68	30.18	30.17	30.06	10	10	7	21	13	25	T	Rain
<u>19</u>	58	54	49	48	43	38	83	67	51	30.04	29.98	29.87	10	9	6	23	11	30	0.16	Rain
<u>20</u>	76	65	53	52	48	45	83	59	35	29.87	29.81	29.73	10	10	10	25	14	29	T	Rain
<u>21</u>	71	63	54	48	43	40	77	57	36	30.22	30.08	29.88	10	10	10	22	11	25	0.00	
<u>22</u>	67	59	50	52	45	40	86	64	42	30.40	30.29	30.24	10	10	10	14	7	16	0.00	
<u>23</u>	68	61	54	53	51	48	93	76	58	30.48	30.44	30.40	10	10	10	24	13	28	0.00	
<u>24</u>	78	67	55	57	48	45	77	60	42	30.46	30.38	30.27	10	10	10	21	12	22	0.00	
<u>25</u>	87	75	63	59	54	53	73	57	40	30.27	30.19	30.10	10	10	10	17	11	20	0.00	Rain
<u>26</u>	88	77	65	61	58	49	73	54	35	30.12	30.10	30.05	10	9	7	18	10	25	0.00	
<u>27</u>	81	74	67	62	53	42	81	56	30	30.17	30.13	30.07	10	10	5	26	8	33	0.04	Rain
<u>28</u>	81	73	65	64	58	46	87	62	36	30.13	30.09	30.03	10	8	5	22	11	25	0.07	
<u>29</u>	80	70	59	54	47	43	72	50	28	30.26	30.21	30.15	10	10	10	17	9	22	0.00	
<u>30</u>	77	67	57	58	52	48	80	59	38	30.23	30.20	30.12	10	10	10	17	8	20	0.00	
<u>31</u>	86	74	62	61	58	54	84	62	40	30.12	30.12	30.06	10	9	6	16	10	-	0.00	

2007 Temp (°F)		Dew Point (°F)		Humidity (%)		Sea Level Pressure (in)		Visibility (mi)		Wind (mph)		Gust Speed (mph)		Precip (in)		Events				
June	high	avg	low	high	avg	low	high	avg	low	high	avg	high	avg	high	sum					
<u>1</u>	80	71	62	64	58	56	84	71	58	30.11	30.05	29.95	10	10	9	20	8	21	0.00	
<u>2</u>	80	73	66	65	61	59	81	68	54	29.99	29.95	29.86	10	8	5	24	12	29	0.00	
<u>3</u>	74	69	63	64	60	59	87	78	68	29.88	29.79	29.63	10	8	2	30	13	39	0.97	Rain
<u>4</u>	71	67	62	62	60	59	93	82	70	29.59	29.46	29.38	10	6	0	28	12	-	1.77	Rain, Thunderstorm
<u>5</u>	82	73	63	64	61	50	93	68	42	29.70	29.53	29.48	10	8	5	26	13	32	0.00	
<u>6</u>	73	66	58	50	45	36	60	45	29	30.01	29.86	29.70	10	10	10	25	14	30	T	
<u>7</u>	69	62	54	59	49	42	84	67	49	30.14	30.09	30.03	10	10	10	16	7	20	0.00	
<u>8</u>	76	69	62	65	60	58	93	81	68	30.04	29.98	29.85	10	5	0	15	7	17	0.00	Fog
<u>9</u>	81	73	64	66	64	55	93	74	54	29.99	29.86	29.80	10	7	0	23	11	28	T	Rain
<u>10</u>	73	67	61	58	54	48	84	64	44	30.05	30.01	29.97	10	9	2	12	6	138	T	
<u>11</u>	85	74	62	64	56	52	79	57	34	30.05	30.03	29.97	10	10	9	23	9	21	0.07	Rain, Thunderstorm
<u>12</u>	85	74	63	62	62	58	87	65	43	30.05	30.00	29.97	10	10	7	20	8	24	0.02	Rain
<u>13</u>	67	62	56	62	58	45	87	75	62	30.17	30.04	30.02	10	9	6	21	9	24	0.09	Rain
<u>14</u>	65	61	56	53	45	44	78	65	52	30.17	30.14	30.10	10	10	10	16	10	35	0.00	
<u>15</u>	71	65	59	54	48	48	78	63	47	30.11	30.10	30.06	10	10	10	15	8	17	0.00	
<u>16</u>	76	67	58	60	55	53	84	69	54	30.07	30.04	29.95	10	9	7	20	10	23	0.00	
<u>17</u>	90	77	64	63	59	54	84	58	32	29.96	29.94	29.85	10	10	8	12	11	14	0.00	
<u>18</u>	82	74	66	62	61	56	78	60	42	30.08	30.00	29.90	10	10	10	16	10	17	0.00	
<u>19</u>	77	71	65	67	60	58	93	72	50	30.09	30.04	29.94	10	9	0	23	11	29	0.03	Rain, Thunderstorm
<u>20</u>	82	76	69	67	57	45	90	60	30	29.97	29.88	29.83	10	9	4	24	12	31	0.18	Rain
<u>21</u>	82	72	62	63	51	47	87	62	36	29.98	29.90	29.78	10	10	4	30	13	39	0.22	Rain, Thunderstorm
<u>22</u>	78	71	64	59	47	37	78	52	25	29.88	29.81	29.78	10	10	10	31	19	38	0.00	
<u>23</u>	78	69	59	42	40	33	53	38	23	29.98	29.90	29.88	10	10	10	25	13	30	0.00	
<u>24</u>	77	68	58	61	48	33	76	53	29	30.15	30.05	29.99	10	10	10	21	11	24	0.00	
<u>25</u>	80	72	64	66	59	57	90	74	58	30.25	30.20	30.15	10	10	9	20	11	22	0.00	
<u>26</u>	85	77	68	70	66	65	90	76	61	30.26	30.23	30.15	10	7	4	18	10	-	0.00	
<u>27</u>	86	79	71	71	69	64	93	77	61	30.15	30.07	29.96	10	6	2	26	12	32	1.74	Rain, Thunderstorm
<u>28</u>	89	80	70	70	67	64	93	73	52	30.01	29.94	29.84	10	7	2	24	13	35	0.26	Rain, Thunderstorm
<u>29</u>	77	72	66	66	61	54	87	67	46	30.04	29.98	29.91	10	10	10	14	9	16	0.00	
<u>30</u>	80	72	64	61	53	42	87	57	26	30.03	30.02	29.94	10	10	10	17	10	20	0.00	