

***Measurement Report with Limits 9/1/10**

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10
001A

BOD, carbonaceous, 05 day, 20 C 80082 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	7.5	11.3	10	15
	lb/d Q1	lb/d Q2	mg/L C2	mg/L C3
	MO AVG	DAILY MX	MO AVG	DAILY MX
1/31/07	1.2	1.2	<2.4	<2.4
2/28/07	1.48	1.48	3	3
3/31/07	1.14	1.14	2.57	2.57
4/30/07	0.78	0.78	<2.4	<2.4
5/31/07	1.29	1.29	<2.4	<2.4
6/30/07	1	1	<2.4	<2.4
7/31/07	1.38	1.38	<2.4	<2.4
8/31/07	1.1	1.1	<2.4	<2.4
9/30/07	1.4	1.4	<2.4	<2.4
10/31/07	<1	<1	<2.4	<2.4
11/30/07	0.6	0.6	<2.4	<2.4
12/31/07	1	1	2.4	2.4
1/31/08	1.1	1.1	<2.4	<2.4
2/29/08	0.09	0.09	<2.4	<2.4
3/31/08	0.74	0.74	<2.4	<2.4
4/30/08	0.51	0.51	<2.4	<2.4
5/31/08	0.7	0.7	<2.4	<2.4
6/30/08	0.82	0.82	<2.4	<2.4
7/31/08	0.56	0.56	<2.4	<2.4
8/31/08	0.9	0.9	<2.4	<2.4
9/30/08	0.9	0.9	<2.4	<2.4
10/31/08	0.53	0.53	<2.4	<2.4
11/30/08	1.05	1.05	<6	<6
12/31/08	0.4	0.4	<2.4	<2.4
1/31/09	Not Received	Not Received	Not Received	Not Received
2/28/09	Not Received	Not Received	Not Received	Not Received
3/31/09	1.17	1.17	<2.4	<2.4
4/30/09	1.08	1.08	<2.4	<2.4
5/31/09	0.48	0.48	<2.4	<2.4
6/30/09	1.44	1.44	<2.4	<2.4
7/31/09	0.9	0.9	<2.4	<2.4
8/31/09	0.56	0.56	<2.4	<2.4
9/30/09	Not Received	Not Received	Not Received	Not Received
10/31/09	1.896	3.544	7.43	7.43
11/30/09	0.6293	1.309	2.88	2.88
12/31/09	1.121	1.83	4.59	4.59
1/31/10	2.026	3.261	8.18	8.18
2/28/10	Not Received	Not Received	Not Received	Not Received
3/31/10	Not Received	Not Received	Not Received	Not Received
4/30/10	1.83	5.887	6.71	6.71
5/31/10	1.52	2.63	6.22	6.22
6/30/10	1.33	2.23	5.61	5.61
7/31/10	0.6	0.9	>2.4	<2.4
8/31/10	Not Received	Not Received	Not Received	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Coliform, fecal general 74055 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	200
	#/100mL C3
	7 DA GEO
1/31/07	<1
2/28/07	<1
3/31/07	<1
4/30/07	<1
5/31/07	<u>1500</u>
6/30/07	<1
7/31/07	1
8/31/07	4
9/30/07	190
10/31/07	3
11/30/07	<1
12/31/07	0.3
1/31/08	<1
2/29/08	<1
3/31/08	<1
4/30/08	<1
5/31/08	<1
6/30/08	<1
7/31/08	<1
8/31/08	<1
9/30/08	<1
10/31/08	<1
11/30/08	<1
12/31/08	<1
1/31/09	Not Received
2/28/09	Not Received
3/31/09	<1
4/30/09	<1
5/31/09	<1
6/30/09	<1
7/31/09	<1
8/31/09	<3
9/30/09	<3
10/31/09	<u>800</u>
11/30/09	<u>500</u>
12/31/09	100
1/31/10	<u>430</u>
2/28/10	4
3/31/10	160
4/30/10	<u>220</u>
5/31/10	70
6/30/10	40
7/31/10	32
8/31/10	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Flow, in-conduit or thru treatment plant 50050 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010

Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	Req. Mon. Mgal/d Q1 MO AVG	Req. Mon. Mgal/d Q2 DAILY MX
1/31/07	0.06	0.09
2/28/07	0.06	0.13
3/31/07	0.051	0.062
4/30/07	0.045	0.065
5/31/07	0.06	0.07
6/30/07	0.059	0.078
7/31/07	0.062	0.076
8/31/07	0.057	0.065
9/30/07	0.053	0.073
10/31/07	0.026	0.05
11/30/07	0.045	0.069
12/31/07	NODI = C	NODI = C
1/31/08	0.051	0.08
2/29/08	0.045	0.065
3/31/08	0.045	0.065
4/30/08	0.031	0.081
5/31/08	0.045	0.065
6/30/08	0.045	0.065
7/31/08	0.03	0.051
8/31/08	0.045	0.045
9/30/08	0.045	0.045
10/31/08	0.023	0.032
11/30/08	0.027	0.031
12/31/08	0.025	0.032
1/31/09	Not Received	Not Received
2/28/09	Not Received	Not Received
3/31/09	0.071	0.085
4/30/09	0.0614	0.0869
5/31/09	0.024	0.031
6/30/09	0.076	0.153
7/31/09	0.03	0.075
8/31/09	0.028	0.0009
9/30/09	0.0267	0.0327
10/31/09	0.0306	0.0572
11/30/09	0.0262	0.0545
12/31/09	0.0293	0.0478
1/31/10	0.0297	0.0478
2/28/10	0.02969	0.0478
3/31/10	0.0321	0.0478
4/30/10	0.0327	0.1052
5/31/10	0.0293	0.0507
6/30/10	0.0284	0.0478
7/31/10	0.029	0.047
8/31/10	Not Received	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Nitrogen, ammonia total (as N) 00610 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	2.3	2.9	3	3.9
	lb/d Q1	lb/d Q2	mg/L C2	mg/L C3
	MO AVG	DAILY MX	MO AVG	DAILY MX
5/31/07	0.17	0.17	0.31	0.31
6/30/07	0.4	0.4	1	1
7/31/07	0.1	0.1	0.18	0.18
8/31/07	0.2	0.2	0.4	0.4
9/30/07	0.5	0.5	0.9	0.9
10/31/07	0.2	0.2	0.4	0.4
5/31/08	0.59	0.59	2.01	2.01
6/30/08	0.56	0.56	1.63	1.63
7/31/08	0.25	0.25	0.91	0.91
8/31/08	0.48	0.48	1.27	1.27
9/30/08	0.3	0.3	0.81	0.81
10/31/08	0.49	0.49	2.01	2.01
5/31/09	0.21	0.21	1.03	1.03
6/30/09	0.55	0.55	0.91	0.91
7/31/09	0.33	0.33	0.89	0.89
8/31/09	0.97	0.97	4.16	4.16
9/30/09	0.2387	0.2924	1.072	1.072
10/31/09	0.255	0.477	<1	<1
5/31/10	0.59	1.02	2.43	2.43
6/30/10	0.98	1.65	4.14	4.14
7/31/10	Not Received	Not Received	Not Received	Not Received
8/31/10	Not Received	Not Received	Not Received	Not Received

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 1 (-Jan--Feb--Mar--Nov--Dec-)

	3.8	6	5	8
	lb/d Q1	lb/d Q2	mg/L C2	mg/L C3
	MO AVG	DAILY MX	MO AVG	DAILY MX
1/31/07	0.08	0.08	0.15	0.15
2/28/07	0.21	0.21	0.42	0.42
3/31/07	0.22	0.22	0.49	0.49
11/30/07	0.1	0.1	0.4	0.4
12/31/07	0.2	0.2	0.5	0.5
1/31/08	0.18	0.18	0.41	0.41
2/29/08	0.05	0.05	1.27	1.27
3/31/08	0.43	0.43	1.39	1.39
11/30/08	0.35	0.35	1.97	1.97
12/31/08	0.32	0.32	1.93	1.93
1/31/09	Not Received	Not Received	Not Received	Not Received
2/28/09	Not Received	Not Received	Not Received	Not Received
3/31/09	0.5	0.5	1.03	1.03
11/30/09	0.2185	0.4545	<1	<1
12/31/09	0.2444	0.3987	<1	<1
1/31/10	4.676	7.526	18.88	18.88
2/28/10	0.2476	0.3987	<1	<1
3/31/10	0.2677	0.3987	<1	<1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 2 (-Apr-)

	Req. Mon.	2.9	Req. Mon.	3.9
	lb/d Q1	lb/d Q2	mg/L C2	mg/L C3
	MO AVG	DAILY MX	MO AVG	DAILY MX
4/30/07	0.13	0.13	0.39	0.39
4/30/08	0.09	0.09	0.37	0.37
4/30/09	0.59	0.59	1.31	1.31
4/30/10	0.8127	2.615	2.98	2.98

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Nitrogen, nitrate total (as N) 00620 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010

Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	10
	mg/L C3
	DAILY MX
1/31/07	6.87
2/28/07	8.5
3/31/07	9.4
4/30/07	1.54
5/31/07	2.4
6/30/07	1.6
7/31/07	4.6
8/31/07	4.6
9/30/07	1.9
10/31/07	6.6
11/30/07	1.1
12/31/07	2.91
1/31/08	2.11
2/29/08	2.01
3/31/08	2.07
4/30/08	1.03
5/31/08	2.11
6/30/08	2.07
7/31/08	1.27
8/31/08	3.98
9/30/08	2.01
10/31/08	2.01
11/30/08	2.01
12/31/08	2.01
1/31/09	Not Received
2/28/09	Not Received
3/31/09	0.83
4/30/09	2.39
5/31/09	2
6/30/09	1.01
7/31/09	1.03
8/31/09	0.0275
9/30/09	0.318
10/31/09	Not Received
11/30/09	4.392
12/31/09	4.4934
1/31/10	1.4
2/28/10	1.4
3/31/10	0.4837
4/30/10	<1
5/31/10	4.85
6/30/10	<1
7/31/10	4.7
8/31/10	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Oxygen, dissolved (DO) 00300 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010

Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	5
	mg/L C1
	MO AV MN
1/31/07	11.1
2/28/07	10.4
3/31/07	7.19
4/30/07	7.3
5/31/07	7.3
6/30/07	6.4
7/31/07	7.1
8/31/07	6.3
9/30/07	6.8
10/31/07	7
11/30/07	8.8
12/31/07	10.2
1/31/08	9.3
2/29/08	10.1
3/31/08	9.3
4/30/08	8.7
5/31/08	9.7
6/30/08	8.7
7/31/08	8.1
8/31/08	8.1
9/30/08	7.3
10/31/08	8.2
11/30/08	9.1
12/31/08	8.4
1/31/09	Not Received
2/28/09	Not Received
3/31/09	9.15
4/30/09	8.1
5/31/09	7.9
6/30/09	8.1
7/31/09	8.1
8/31/09	2.55
9/30/09	7.56
10/31/09	7.87
11/30/09	8.75
12/31/09	9.11
1/31/10	8.46
2/28/10	7.94
3/31/10	8.61
4/30/10	4.22
5/31/10	7.01
6/30/10	4.48
7/31/10	3.91
8/31/10	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

pH 00400 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	6	9
	SU C1	SU C3
	MINIMUM	MAXIMUM
1/31/07	7.28	7.28
2/28/07	7.2	7.2
3/31/07	7.04	7.04
4/30/07	7	7
5/31/07	7.4	7.4
6/30/07	7.5	7.5
7/31/07	7.5	7.5
8/31/07	7.5	7.5
9/30/07	7.4	7.4
10/31/07	7	7
11/30/07	7.5	7.5
12/31/07	7.9	7.9
1/31/08	7.9	7.9
2/29/08	7.4	7.4
3/31/08	7.2	7.2
4/30/08	7.1	7.1
5/31/08	7.1	7.1
6/30/08	7.1	7.1
7/31/08	7.1	7.1
8/31/08	7.2	7.2
9/30/08	7.1	7.1
10/31/08	7.2	7.2
11/30/08	7.2	7.2
12/31/08	6.8	7.1
1/31/09	Not Received	Not Received
2/28/09	Not Received	Not Received
3/31/09	7.77	7.77
4/30/09	6.9	6.9
5/31/09	7.1	7.1
6/30/09	7.1	7.1
7/31/09	7.6	Not Received
8/31/09	7.27	7.27
9/30/09	7.55	7.55
10/31/09	7.94	7.94
11/30/09	8.03	8.03
12/31/09	7.73	7.73
1/31/10	7.88	7.88
2/28/10	7.37	7.37
3/31/10	7.64	7.64
4/30/10	7.55	7.55
5/31/10	7.16	7.16
6/30/10	7.25	7.25
7/31/10	7.38	7.38
8/31/10	Not Received	Not Received

AR DEPT OF CORRECTION-IZARD CO AR0044016, Expiration: 10/31/10

Solids, total suspended 00530 Monitoring Location = 1

Limit Start Date = 11/01/2005 Limit End Date = 10/31/2010

Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	11.3	17.3	15	23
	lb/d Q1	lb/d Q2	mg/L C2	mg/L C3
	MO AVG	DAILY MX	MO AVG	DAILY MX
1/31/07	1	1	2	2
2/28/07	1.48	1.48	3	3
3/31/07	2.22	2.22	5	5
4/30/07	0.33	0.33	1	1
5/31/07	0	0	0	0
6/30/07	0.9	0.9	2	2
7/31/07	0	0	0	0
8/31/07	0.9	0.9	2	2
9/30/07	0.6	0.6	1	1
10/31/07	1.2	1.2	3	3
11/30/07	0.24	0.24	1	1
12/31/07	NODI = C	NODI = C	NODI = C	NODI = C
1/31/08	0	0	0	0
2/29/08	0	0	0	0
3/31/08	0.93	0.93	3	3
4/30/08	0	0	0	0
5/31/08	0.58	0.58	2	2
6/30/08	1.02	1.02	3	3
7/31/08	0	0	0	0
8/31/08	0.38	0.38	1	1
9/30/08	0.38	0.38	1	1
10/31/08	1.45	1.45	6	6
11/30/08	0.53	0.53	3	3
12/31/08	0.33	0.33	2	2
1/31/09	Not Received	Not Received	Not Received	Not Received
2/28/09	Not Received	Not Received	Not Received	Not Received
3/31/09	1.95	1.95	4	4
4/30/09	1.8	1.8	4	4
5/31/09	0.6	0.6	3	3
6/30/09	4.8	4.8	8	8
7/31/09	2.26	2.26	6	6
8/31/09	2.1	2.1	9	9
9/30/09	2.89	3.54	13	13
10/31/09	2.297	4.29	9	9
11/30/09	2.185	4.545	10	10
12/31/09	1.466	2.392	6	6
1/31/10	5.945	9.567	24	24
2/28/10	13.62	21.926	55	55
3/31/10	3.748	4.655	14	14
4/30/10	9.272	29.83	34	34
5/31/10	0.59	11.83	28	28
6/30/10	1.42	2.39	6	6
7/31/10	0.5	0.8	2	2
8/31/10	Not Received	Not Received	Not Received	Not Received