



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES &
ENVIRONMENTAL CONTROL
DIVISION OF WATER
89 KINGS HIGHWAY
DOVER, DELAWARE 19901

August 6, 2015

CERTIFIED MAIL #7011115000029873674

Attn: Heather Sheridan
Director of Environmental Services
Sussex County Division of Environmental Services
PO Box 589
Georgetown, DE 19947

Re: Inland Bays Regional Wastewater Facility (RWF)
State of Delaware Spray Irrigation Permit LTS-5004-90-12
2015 Annual Compliance Inspection

Dear Ms. Sheridan,

The Groundwater Discharges Section (GWDS) has performed the 2015 Annual Compliance Inspection for the Inland Bays RWF on June 24, 2015. A copy of the Inspection Report is enclosed for your review. Please review the report carefully and if you feel there are any discrepancies, please provide written documentation within 30 days of the date of this letter.

At the time of the inspection of Inland Bays RWF, the following were Items of Concern regarding the current permit and/or 7 Del. Admin .C. §7101, Regulations Governing the Design, Installation and Operation of On-Site Wastewater Treatment and Disposal Systems.

- Item 10, Permit Limit Criteria:
 - Citation: Permit LTS-5004-90-12, Part I.F. states, "*Operation of the spray irrigation system shall not cause the quality of Delaware's ground water to be in violation of the applicable Federal or State Drinking Water Standards on an average annual basis*".
 - Background: Nitrate levels detected in monitor wells associated with Inland Bays RWF are above the EPA's Drinking Water Standard of 10 mg/L. The concern of elevated nitrates has been noted in earlier Annual Compliance Inspections 2010 and 2013 (a 2014 Annual Inspection was not performed). Email correspondence and phone conversations between Michael Winters and myself, from May 18, 2015 through May 21, 2015 and later including you from May 28, 2015 forward, discussed MW 16 (DNREC ID 228543) and MW 24 (DNREC ID 238968) and possible causes of high spikes in nitrate levels, such as the stockpile of manure in recent years. During the Annual Inspection, all attendees discussed the topic in detail concluding that further analysis was warranted. All Annual Reports received by the GWDS for the Inland Bays RWF indicated that compliance was maintained regarding the nitrogen applications for each spray field acre on a yearly basis. The nitrate concentrations continue to be above the limit for the following highlighted wells:

Delaware's good nature depends on you!

MW#	2013 AVERAGE	2014 AVERAGE	2015 1st QUARTER
MW2, 86146	20.8	12.6	7.1
MW3, 237996	8.8	10.5	9.9
MW8, 86152	21.6	28.9	16.9
MW12, 208214	29.6	15.3	13.6
MW13, 208215	18.4	8.72	5.6
MW14, 208216	1.6	11.7	13.3
MW15, 208217	29.4	28	20.6

MW#	2013 AVERAGE	2014 AVERAGE	2015 1st QUARTER
MW16, 228543	9	16.1	75.6
MW18, 237074	6.7	11.9	11
MW21, 238298	13.3	14.6	14.4
MW22, 238299	11	17.9	19.4
MW24, 238968	25.5	95.9	75.1
MW25, 238969	11.4	18.7	16.5
MW26, 238970	11.5	21.7	17.5

- **Status:** Pending further review and instigation by Sussex County Council, later agreed upon in an email dated July 16, 2015 from Ronald Graeber in which results are to be forwarded to GWDS and Groundwater Protection Branch (GPB).
- **Item 29, Facility Changes:**
 - **Citation:** Permit LTS-5004-90-12, Part III.A.4., General Conditions, states in part, “*All construction activities shall be in agreement with the plans and specifications submitted under this project and approved by the GWDS*”.
 - **Background:** Following the Annual Inspection, it was found that the construction observed onsite was an unpermitted construction project identified as Phase II, B. A Non-Compliance Notice citing 7 Del. Admin. C § 7101 of the Regulations, Subsection 3.14, for construction without a permit, was issued on July 28, 2015.
 - **Status:** The construction application was received on July 30, 2015 and is pending further review by the GWDS.

On June 25, 2015, The GWDS received a formal request for permit amendments to Spray Effluent Limitations and Groundwater Monitoring Requirements. The request is pending further review and determination by the GWDS.

The Groundwater Discharges Section appreciates your continued commitment to maintaining compliance at the Inland Bays RWF, if you have any questions; please feel free to contact me at (302) 739-9321.

Regards,



Monica Boyer
Sr. Environmental Compliance Specialist
Groundwater Discharges Section
DNREC, Division of Water

eCC: Michael Winters, DRC



2015 SPRAY IRRIGATION ANNUAL COMPLIANCE INSPECTION REPORT

Delaware Department of Natural Resources and Environmental Control
Division of Water Resources
Ground Water Discharges Section
89 Kings Highway, Dover DE 19901 (302) 739-9948

The purpose of this inspection is to determine whether or not the facility is operating in compliance with their spray irrigation permit.

Inspector: <u>Monica Boyer</u>	Date of Inspection: <u>6/24/2015</u>
Facility Name: <u>Inland Bays WWTF</u>	Permit #: <u>LTS 5004-90-12</u>
Permittee: <u>Sussex County Council</u>	Permit Expiration Date: <u>7/12/2017</u>
Facility Address: <u>PO Box 589, Georgetown</u>	Person(s) Present During Inspection: <u>Monica Boyer, Jack Hayes, Mike Winters, Heather Sheridan, Justin Mitchell</u>

Owner/Contract Operations:

1. Is the facility owner or contract operated?	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Contract
2. What is the Chain of Command from the DRC?	<u>Todd Lawson, County Administrator</u>
	<u>Mike Izzo, County Engineer</u>
	<u>Heather Sheridan, Dir. of Environmental Services</u>
3.	<u>Mike Winters, DRC</u>

Operator Information:

4. DRC Operator's Name:	<u>Mike Winters</u>	Phone:	<u>302-947-0864</u>
DRC Operator's License Number:	<u>#290, Level IV</u>	License Exp. Date:	<u>10/1/2015</u>
5. Operator's Name:	<u>Randy Paugh</u>	Phone:	
Operator's License Number:	<u>#412, Level III</u>	License Exp. Date:	<u>5/1/2016</u>
6. Operator's Name:	<u>Taylor Warner</u>	Phone:	
Operator's License Number:	<u>#861, Level I</u>	License Exp. Date:	<u>2/1/2016</u>
7. Operator's Name:		Phone:	
Operator's License Number:		License Exp. Date:	
8. How frequently does the DRC Operator visit the spray fields?	<u>2 x per day</u>	How frequently do other operators visit the spray fields?	<u>Numerous X per day</u>

Review of Monitoring Data:

9. Has all data been received in accordance with permit requirements?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No reports rec'd by 28 th of each month
10. Does all the data meet the permit limitation criteria?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No nitrate exceedances

Schedule of Compliance:

11. Have all schedule of compliance items been completed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <u>n/a</u>
12. Have all items noted from last year's inspections been corrected or addressed by permittee?	<input type="checkbox"/> Yes <input type="checkbox"/> No 2014 inspection not performed

Records Retention / Data Submittals:

13. Is the log book on site and up to date?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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14. Does the log book contain all required information?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15. Are All Records Available / Accessible?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16. Is the facility utilizing DRNEC reporting forms?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No updated new template in 3/2015
17. Are both the DNREC Well Permit ID's and the Local Well ID's being reported with the monitoring data?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
18. Has average weekly Spray Effluent Limitations been adhered to?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
19. Has the rest period of 24 hours between applications been adhered to?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No * SCC to request reduction, rec'd 6/25/2015
20. Has the application of fertilizers been documented in Log Book?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No separate log for ag. activities
21. Is operation monitoring tests, lagoon levels and additional groundwater table elevation measurements recorded in the Log Book?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No separate log for monitoring, etc.
Facility:	
22. Is the facility and area free of nuisance odors?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
23. Type of Facility and/or Brief Description of Activity (i.e. Food Processing, Domestic, Industrial)	Sanitary wastewater from Long Neck, Angola and Oak Orchard Sewer Districts
24. Is the facility operating in accordance with the DDR?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
25. What is the design flow?	Higher permitted summer flow
26. What are the normal hours of operation?	M-F 8a-4p, weekends as needed
27. Is the facility properly staffed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
28. Is the O&M Manual maintained?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
29. Have there been any Facility changes / connections?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No construction onsite Phase II B
30. Have there been any additional connections?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
31. Are there any problems with the facility?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
32. Have the problems been documented? (NOVs, Managers Warning, Orders)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
33. Any repairs or replacements performed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No headworks auger
34. Any repairs or replacements needed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No noted on 2013 ACI- needed blower #2 * completed 12/12/2013
Laboratory:	
35. Who collects samples?	Inf/eff/mw/lysimeters- operators
36. Is any sample testing done in house?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
37. If samples done in house, which ones?	All req'd by permit
38. Is there a SOP for the lab?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
39. If samples done in house, is QA/QC performed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
40. If not in house, who does testing?	Envirocorp
41. Is Influent flow samples collected at Plant Inlet?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
42. Are most Effluent samples taken at the irrigation pump station wet well?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
43. Are Chlorine, pH and FC Effluent samples taken at the wet well at the effluent end of the chlorine contact chamber?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No * buffers exp dates 2017
System Controls:	
44. What Alarms are on the System?	All system parameters dealing with plant treatment * operators provided full list
45. Are all Alarms, functioning properly?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
46. Is influent flow metered?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
47. Is effluent flow metered?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
48. Do all flow meters have a means for recordation and totalization?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
49. What is the condition of the control panels?	good

50. Is there an Autodialer system? Is it functioning properly?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No SCADA
51. Are there Automatic Shutoffs? Are they functioning properly?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No irrigation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
52. Are buildings properly ventilated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No * note- screens are not in a closed building, open air
Lift (Pump) Station:	
53. Number of Lift Stations?	99
54. Are back up pumps on site or available?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
55. Are the operators responsible for the Lift and or Pump stations?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No SCC staff maintains lift stations
Treatment System:	
56. Type of Treatment	Lagoon/biolac
57. Level of Treatment provided	<input type="checkbox"/> Tertiary <input checked="" type="checkbox"/> Secondary <input type="checkbox"/> Primary
58. Does the Actual Treatment Process Flow diagram coincide with that in the Permit?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Lagoons :	
59. Is algae present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No * aeration lagoon 1 has some algae but is not in constant use
60. If algae is present, what problems has it posed to the system?	none
61. What is the depth of Sludge in aeration basin & other lagoons?	High level in aeration lagoon 1, Unknown in storage lagoons
62. When was depth last determined?	2015 aeration lagoons, never in storage lagoons
63. Condition of the Berms (inside & out)?	good
64. Are weeds or other flora present in any lagoons?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No * aeration lagoon 1 has some weeds but is not in constant use
65. Are there any indication of standing water around the lagoon bases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
66. Condition of visible portions of liners?	good
67. Is rip-rap satisfactory?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
68. Condition of Aerators?	good
69. Are Aerators fastened properly?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
70. Are any treatment components and/or mechanical parts out of service or functioning improperly?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
71. If there are components out of service or functioning improperly, which ones?	*aeration lagoon 1 not in constant use
72. Is stand-by power available?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
73. What components would be maintained on stand-by power?	Headworks and screen, blowers, pumps, eff mag. meter
74. Is the Aeration System Automatic or Manually Operated?	auto
75. Is there a means for accurately determining the level of effluent in storage lagoon?	Operator calculates levels however there isn't a means to visually measure
76. Max depth of lagoons (ft) including freeboard?	17'
77. Amount of freeboard allocated?	3'
78. Max volume of lagoons?	32 MG and 39 MG
79. Current level of effluent Stored in each lagoon?	32 MG= 26 MG and 39 MG= 32MG
80. Was there any emergency need to utilize the freeboard in 2015?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No levels were close but did not utilize
81. When were biosolids removed last from any lagoon?	Aeration lagoons, 2012 * 32 MG storage lagoon hasn't had any removed and 39 MG is fairly new
82. How were biosolids disposed of?	Returned to treatment
Disinfection:	
83. Type of Disinfection?	Sodium hypochlorite
84. When were biosolids last removed from the CCC?	Chlorine contact chamber last cleaned 5/20/2014, returned to treatment
85. Does the disinfection monitoring system have automatic shutoff?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Irrigation Pump:	
86. Number and condition of pumps	4 on front irrigation, 2 on back irrigation + a back-up= good condition

87. Are all pumps working properly?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
88. Is a stand-by pump on line?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
89. What is the average pumping rate for the pumps?	(2) 1000 gpm, (2) 500 gpm, (2) 1500 gpm
Spray Field(s):	
90. Type of Spray System	Center pivots
91. Number of Pivots/Zones?	8 pivots/zones
92. Spray Area Acreage?	432.5 acres
93. Is application evenly distributed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
94. Are Pivots / Zones clearly labeled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No labeled on rig itself, not posted in the field
95. What is the condition of the irrigation equipment?	good
96. Are any nozzles plugged?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
97. Is there Ponding, Runoff, or Indication of Possible Runoff?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No * farmer ripped East Hettie Lingo early 2015
98. Are excessive wheel ruts present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
99. Public Access Level?	<input type="checkbox"/> Limited <input checked="" type="checkbox"/> Restricted <input type="checkbox"/> Unlimited
100. Are the permitted/regulatory Buffer Requirements being adhered to?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 150' to roads, 50' to wetlands if buffer is maintained in perennial vegetation, otherwise 100'.
101. Has spray irrigating occurred on barren fields?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
102. Has spray irrigating occurred on frozen or saturated soil?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
103. Has the ground water mound reached less than 2' of the ground surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see comment
104. Did spray irrigation cease until the ground water mounds receded to acceptable levels?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No restricted spray at East Hettie Lingo
Crop:	
105. Type(s) of Crop?	Wetted fields- corn. Soy during summer. Winter wheat during winter.
106. Crop Condition?	good
107. Has cut vegetation been removed from the field?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No from last harvest
108. Are there any Barren Areas?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Monitoring Wells:	
109. Who performs the monitoring well sampling?	operators
110. Are correct sample collection techniques being used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No SOP for sampling
111. What is the Condition of the Monitoring Wells?	good
112. Are the Monitoring Wells double cased?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
113. Are the Monitoring Wells secured?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
114. Are the Monitoring Wells clearly labeled with the local id?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
115. Are all the Monitoring Wells tagged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
116. Are the Monitoring Wells correctly labeled?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
117. Have any wells been damaged/replaced?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
118. Are lysimeters yielding enough moisture to collect samples?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No few exceptions for ly. at South Burton
119. Have all wells been GPS'd and TOC elevation reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No copy of all MWs provided by operator
Facility Specific Special Conditions:	
120. Are Special Conditions being adhered to?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Level III oper. DRC
Safety Equipment:	
121. Are there life preservers present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
122. Fire Extinguishers?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No in hypo. room

123. First Aid Kit?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
124. Eye Wash Stations?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
125. Signs posted along perimeter and entry?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Comments:**Item 10-permit limit criteria 2014 thru 1st qtr 2015**

Effluent concentrations

BOD- within limits

TSS- within limits

Chlorine- within limits

pH- with limits

Chloride- within limits (sample on 8/5/2014, at the limit- 250 mg/L) * operators explained this was due to flooding in the beach communities forcing storm water into SCC lift stations. The issue has been resolved by SCC staff.

Sodium- within limits

FC- within limits

Nitrogen loading concentrations, per 2014 Annual Report- within limits

MW concentrations 2013, 2014 and 2015 1st qtr

Chloride- within limits

Sodium- within limits

pH- below permit minimum limits- Some well concentrations are as low as 4.5. There is no federally enforceable standard (i.e., Maximum Contaminant Level) for pH in drinking water. EPA set a Secondary Maximum Contaminant Level (SMCL) or recommended range for pH in drinking water of 6.5 to 8.5.

MW averages/exceedances are as follows:

Nitrate/Nitrites

MW#	2013 AVERAGE	2014 AVERAGE	2015 1 st qtr
MW1 #86145	0.8	0.8	0.8
MW2 #86146	20.8	12.6	7.1
MW3 #237996	8.8	10.5	9.9
MW4 #237997	5.1	7.1	6.3
MW5 #86153	0.9	1.1	0.1
MW6 #86150	0.5	1.3	1
MW7 #86151	0.4	0.3	0.2
MW8 #86152	21.6	28.9	16.9
MW9 #86148	0.4	0.4	0.5
MW10 #89573	6.8	6.8	7.1
MW11 #208213	2	1.5	1.3
MW12 #208214	29.6	15.3	13.6
MW13 #208215	18.4	8.72	5.6
MW14 #208216	1.6	11.7	13.3
MW15 #208517	29.4	28	20.6
MW16 #228543	9	16.1	
MW17 #228544	N/A	N/A	N/A

MW18 #237074	6.7	11.9	11
MW19 #237999	N/A	N/A	N/A
MW20 #237998	N/A	N/A	N/A
MW21 #238298	13.3	14.6	14.4
MW22 #238299	11	17.9	19.4
MW23 #238967	1.8	0.5	1.3
MW24 #238968	25.5	95.9	
MW25 #238969	11.4	18.7	16.5
MW26 #238970	11.5	21.7	17.5
MW27 #242932	N/A	N/A	N/A
MW28 #242933	N/A	N/A	N/A

*wells with N/A only report depth to water

In an email dated 5/18/2015, the issue of elevated nitrates in monitor wells, in particular MW 24 was addressed. Mike Winters responded on 5/21/2015 noting stockpiled manure.

- MW 24 had been resampled on 1/30/2014, the result was 93.1.

MW 16 also showing spike in nitrates in 2015. During a phone call with Mike Winters on 5/21/2015, he explained manure was stored on the neighboring field, closest to MW 16.

Discussed onsite:

Jack questioned the integrity of both #24 and #16 and requested the wells be evaluated for damage. Heather stated she will have both wells inspected and redeveloped to rule out damage to the inner casing as Mike Winters noted both wells outer casing are intact.

Update: Nitrate levels in both MWs showed significant reduction by 2015, 2nd qtr sampling, 6/15/2015=MW 24-72.2, MW 16-34.3. On 7/15/2015 Heather Sheridan requested SCC not be required to redevelop the wells, Jack Hayes agreed on 7/16/2015.

Item 29- facility changes:

Requested construction permit # from Mike on 7/20/2015 for lagoon that is under construction

Update: construction not permitted at this time. NCN sent to SCC 7/28/2015. SCC submitted construction plans 7/30/2015, pending review by GWDS.

Item 103-high water table elevations-MWs 7, 9 and 21 experience elevated water table levels periodically due to poor drainage and flooded ditches. These wells are not located in spray areas and can restrict spray irrigation in East and West Hettie Lingo fields as water table levels are less than 2 feet.

MW #	2013 < 2'	2014 < 2'	2015 < 2'
MW 7	6/11/2013	3/25/2014	3/10/2015
#86151	7/7/2013		
	10/25/2013		
MW 9	2/11/2013	2/23/2014	1/20/2015
#86148	4/29/2013	3/27/2014	2/25/2015
	6/11/2013		3/10/2015
	7/7/2013		
	8/27/2013		
MW 21	2/11/2013	1/30/2014	2/25/2015
#238298	4/29/2013	2/23/2014	3/10/2015
	5/15/2013	3/19/2014	
	6/11/2013	4/29/2014	
	7/7/2013	5/29/2014	
	8/27/2013	7/23/2014	
	9/18/2013		
	10/25/2013		

Discussed onsite:

SCC will submit a request for a permit amendment to reduce spray rest period (item 19) and sampling at MW 9 and MW 21 (item 103) as it restricts spray at East Hettie Lingo.

Update: Rec'd request on 6/25/2015, pending review by GWDS/GPB.

Notes:

In addition to spray irrigation, Inland Bays is permitted for Land Application of Sludge at Tower field, per Brian Churchill; permit AGU 1504-S-03. * includes sludge from Wolfe Neck and Piney Neck.

