



# Final Reclamation Inspection Form

Site: ALOHA MULA 6 JETTED  
 Date: 10/8/2019 Inspector: Trevor Hartwig  
 Conditions: 81 sunny

Land Use: Pasture Access Road in Use: No  
 If Crop: \_\_\_\_\_ If yes, in use by: \_\_\_\_\_  
 If other land use: \_\_\_\_\_ Located on active pad? No  
 Located in interim rec of active pad? No

TB inspected: No TB status: Location Unknown  
 TB name and/or #: \_\_\_\_\_

	Present (Y/N)	Notes
Debris or Trash on Site	No	
Equipment on Site (culverts, pipes, etc.)	No	
Livestock Grazing/Disturbances	No	
Vehicle Disturbances	No	
Wildlife Disturbances	No	
Seed Germination	Yes	
Plants Vigorous	Yes	
Uniform growth (height and density)	No	
Undesirable Species (non-noxious weeds)	Yes	
Noxious Weeds	Yes	
Stormwater Issues (erosion)	No	
Subsidence (depressions, sinking)	No	
Site Re-contoured Properly	Yes	
Road Re-contoured Properly	Yes	
Road base/gravel on site (road or pad)	No	
Compaction (On-Site)	NA	2 in @ 300 psi
Compaction (Off-Site)	NA	2 in @ 300 psi
Reclamation area fenced	Yes	

Plants Observed	On Site	Off Site	Desirable
Russian thistle	Yes	No	No
Blue grama	Yes	Yes	Yes
Sand dropseed	Yes	Yes	Yes
Yucca	Yes	Yes	Yes
Western wheatgrass	Yes	Yes	Yes
Cryptantha	Yes	No	Yes
Prairie Sage	Yes	Yes	Yes
Cheat grass	No	Yes	Noxious

Recommendations:	
Seeding	Yes
Weed Control	Yes
Erosion Control	No
Compaction Alleviation	No
Other: Grass is establishing fairly well within fenced area.	

Other Comments/Observations: Grass is dominating a lot of the site. There are a couple of bare spots still on site but those look to be getting smaller with future grass growth. There were a couple of patches of cheat grass on site but it was not dominant.

Recommended for Final Form 4? No



## PHOTOGRAPHIC LOG



**Photograph 1:** North facing photograph.



**Photograph 2:** East facing photograph.



**Photograph 3:** South facing photograph.



**Photograph 4:** West facing photograph.

**PHOTOGRAPHIC LOG**



**Photograph 5:** Overview photograph.



Line-Point Intercept Indicator Calculations

Site Aloha Mula 6

Observer T. Hartwig

Plot Onsite

Line Length 100 m or ft? ft

Direction 342

Date 10/08/19  
mm/dd/yyyy

Intercept (Point) Spacing Interval 12

Intercept units in  
cm or in?

Pt.	Top Canopy
1	SATR12
2	SATR12
3	SATR12
4	SATR12
5	SATR12
6	SATR12
7	PASM
8	SATR12
9	SATR12
10	SATR12
11	SATR12
12	PASM
13	S
14	SATR12
15	S
16	S
17	SPCR
18	SPCR
19	SPCR
20	SPCR
21	SPCR
22	S
23	SPCR
24	SPCR
25	S
26	S
27	S
28	S
29	SPCR
30	SPCR
31	S
32	S
33	S
34	S
35	PASM
36	PASM
37	S
38	S
39	S
40	BOGR2
41	BOGR2
42	BOGR2
43	S
44	S
45	S
46	SPCR
47	SPCR
48	SPCR
49	SPCR
50	S

Pt.	Top Canopy
51	BOGR2
52	S
53	PASM
54	S
55	S
56	S
57	BOGR2
58	S
59	S
60	S
61	S
62	S
63	S
64	S
65	PASM
66	PASM
67	PASM
68	PASM
69	S
70	PASM
71	PASM
72	S
73	SPCR
74	SPCR
75	SPCR
76	S
77	SPCR
78	S
79	S
80	BOGR2
81	BOGR2
82	BOGR2
83	S
84	S
85	BOGR2
86	BOGR2
87	BOGR2
88	BOGR2
89	BOGR2
90	BOGR2
91	BOGR2
92	BOGR2
93	BOGR2
94	BOGR2
95	BOGR2
96	BOGR2
97	BOGR2
98	BOGR2
99	BOGR2
100	BOGR2

% canopy cover = 63

% non-weed canopy cover = 52

% bare ground = 37

% litter = 0

Notes: Aloha Mula #16 Offsite

% non-weed canopy cover onsite/offsite = 70.3

Cover Codes:  
S=Soil  
L=Litter  
XXXX=USDA species code

Unknown Species Codes:  
AF# = annual forb  
PF# = perennial forb  
AG# = annual graminoid  
PGB# = perennial graminoid bunch  
PGR# = perennial graminoid rhizomatous  
SH# = shrub  
TR# = tree

**Line-Point Intercept Indicator Calculations**

Site **Aloha Mula #16**

Observer **T. Hartwig**

Plot **Offsite**

Line Length **100** m or ft? **ft**

Direction **270**

Date **10/08/19**  
mm/dd/yyyy

Intercept (Point) Spacing Interval **12**

Intercept units **in**  
cm or in?

Pt.	Top Canopy
1	SPCR
2	S
3	S
4	BOGR2
5	BOGR2
6	S
7	BOGR2
8	HECO
9	HECO
10	BOGR2
11	BOGR2
12	BOGR2
13	BOGR2
14	S
15	BOGR2
16	YUCCA
17	YUCCA
18	YUCCA
19	YUCCA
20	YUCCA
21	YUCCA
22	YUCCA
23	BOGR2
24	BOGR2
25	ARFR4
26	BOGR2
27	BOGR2
28	BOGR2
29	BOGR2
30	BOGR2
31	GRSQ
32	BOGR2
33	S
34	S
35	GRSQ
36	S
37	BOGR2
38	S
39	S
40	GRSQ
41	S
42	BOGR2
43	BOGR2
44	S
45	S
46	S
47	ARFR4
48	S
49	S
50	S

Pt.	Top Canopy
51	YUCCA
52	YUCCA
53	SPCR
54	BOGR2
55	S
56	S
57	BOGR2
58	ARFR4
59	GRSQ
60	BOGR2
61	BOGR2
62	BOGR2
63	BOGR2
64	BOGR2
65	S
66	S
67	BOGR2
68	S
69	BOGR2
70	BOGR2
71	BOGR2
72	BOGR2
73	BOGR2
74	BOGR2
75	BOGR2
76	S
77	HECO
78	S
79	BOGR2
80	BOGR2
81	BOGR2
82	BOGR2
83	S
84	YUCCA
85	YUCCA
86	YUCCA
87	YUCCA
88	SPCR
89	BOGR2
90	S
91	BOGR2
92	BOGR2
93	GRSQ
94	GRSQ
95	BOGR2
96	HECO
97	S
98	BOGR2
99	BOGR2
100	BOGR2

% canopy cover = **74**

% non-weed canopy cover = **74**

% bare ground = **26**

% litter = **0**

Notes:

% non-weed canopy cover onsite/offsite = **100.0**

**Cover Codes:**  
S=Soil  
L=Litter  
XXXX=USDA species code

**Unknown Species Codes:**  
AF# = annual forb  
PF# = perennial forb  
AG# = annual graminoid  
PGB# = perennial graminoid bunch  
PGR# = perennial graminoid rhizomatous  
SH# = shrub  
TR# = tree



# Final Reclamation Inspection Form

Site: ALOHA MULA 6 JETTED  
 Date: 5/14/2019 Inspector: Alex Guy  
 Conditions: 90 sunny

Land Use:: Pasture Access Road in Use: No  
 If Crop: \_\_\_\_\_ If yes, in use by: \_\_\_\_\_  
 If other land use: \_\_\_\_\_ Located on active pad? No  
 Located in interim rec of active pad? No

TB inspected: No TB status: Location Unknown  
 TB name and/or #: \_\_\_\_\_

	Present (Y/N)	Notes
Debris or Trash on Site	No	
Equipment on Site (culverts, pipes, etc.)	No	
Livestock Grazing/Disturbances	No	
Vehicle Disturbances	No	
Wildlife Disturbances	No	
Seed Germination	Yes	
Plants Vigorous	Yes	
Uniform growth (height and density)	No	
Undesirable Species (non-noxious weeds)	Yes	
Noxious Weeds	Yes	
Stormwater Issues (erosion)	No	
Subsidence (depressions, sinking)	No	
Site Re-contoured Properly	Yes	
Road Re-contoured Properly	Yes	
Road base/gravel on site (road or pad)	No	
Compaction (On-Site)	NA	2 in @ 300 psi
Compaction (Off-Site)	NA	2 in @ 300 psi
Reclamation area fenced	Yes	

Plants Observed	On Site	Off Site	Desirable
Russian thistle	Yes	No	No
Blue grama	Yes	Yes	Yes
Sand dropseed	Yes	Yes	Yes
Yucca	Yes	Yes	Yes
Western wheatgrass	Yes	Yes	Yes
Cryptantha	Yes	No	Yes
Prairie Sage	Yes	Yes	Yes
Cheat grass	No	Yes	Noxious

Recommendations:	
Seeding	Yes
Weed Control	Yes
Erosion Control	No
Compaction Alleviation	No
Other: Grass is establishing fairly well within fenced area.	

Other Comments/Observations: 2018 inspection reported that Russian thistle was dominating in SE corner with little grass growing. As of May 2019 Russian Thistle has not yet germinated in SE corner, but this should be evaluated again in spring.

Recommended for Final Form 4? No



## PHOTOGRAPHIC LOG



**Photograph 1:** North facing photograph.



**Photograph 2:** East facing photograph.



**Photograph 3:** South facing photograph.



**Photograph 4:** West facing photograph.

**PHOTOGRAPHIC LOG**



**Photograph 5:** Overview photograph.



## CONSTRUCTION STORMWATER SITE INSPECTION REPORT

Facility Name	Aloha Mula 6 COGCC	Permitee	Wiepking-Fullerton
Date of Inspection	5/9/2019	Weather Conditions	Cloudy, Rain, 40's
Permit Certification #	COR405023	Disturbed Acreage	1.41
Phase of Construction	Site stabilization	Inspector Title	Field Inspector
Inspector Name	Tim Herian		
Is the above inspector a qualified stormwater manager? (permittee is responsible for ensuring that the inspector is a qualified stormwater manager)			YES X
			NO

INSPECTION FREQUENCY	
Check the box that describes the minimum inspection frequency utilized when conducting each inspection	
At least one inspection every 7 calendar days	
At least one inspection every 14 calendar days, with post-storm event inspections conducted within 24 hours after the end of any precipitation or snowmelt event that causes surface erosions	
<ul style="list-style-type: none"> <li>• This is a post-storm event inspection. <span style="float: right;">Event Date: 05/08/2019</span></li> </ul>	X
Reduced inspection frequency - Include site conditions that warrant reduced inspection frequency	X
<ul style="list-style-type: none"> <li>• Post-storm inspections at temporarily idle sites</li> <li>• Inspections at completed sites/area</li> <li>• Winter conditions exclusion</li> </ul>	
Have there been any deviations from the minimum inspection schedule? If yes, describe below.	YES NO X

INSPECTION REQUIREMENTS*
i. Visually verify all implemented control measures are in effective operational condition and are working as designed in the specifications
ii. Determine if there are new potential sources of pollutants
iii. Assess the adequacy of control measures at the site to identify areas requiring new or modified control measures to minimize pollutant discharges
iv. Identify all areas of non-compliance with the permit requirements, and if necessary, implement corrective action
*Use the attached Control Measures Requiring Routine Maintenance and Inadequate Control Measures Requiring Corrective Action forms to document results of this assessment that trigger either maintenance or corrective actions

AREAS TO BE INSPECTED			
Is there evidence of, or the potential for, pollutants leaving the construction site boundaries, entering the stormwater drainage system or discharging to state waters at the following locations?			
	NO	YES	If "YES" describe discharge or potential for discharge below. Document related maintenance, inadequate control measures and corrective actions Inadequate Control Measures Requiring Corrective Action form
Construction site perimeter	X		
All disturbed areas	X		
Designated haul routes	X		
Material and waste storage areas exposed to precipitation	X		
Locations where stormwater has the potential to discharge offsite		X	Low
Locations where vehicles exit the site		X	Low
Other:			

**CONTROL MEASURES REQUIRING ROUTINE MAINTENANCE**

Definition: Any control measure that is still operating in accordance with its design and the requirements of the permit, but requires maintenance to prevent a breach of the control measure. These items are not subject to the corrective action requirements as specified in Part I.B.1.c of the permit.

Are there control measures requiring maintenance?	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	If "YES" document below
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**INADEQUATE CONTROL MEASURES REQUIRING CORRECTIVE ACTION**

Definition: Any control measure that is not designed or implemented in accordance with the requirements of the permit and/or any control measure that is not implemented to operate in accordance with its design. This includes control measures that have not been implemented for pollutant sources. If it is infeasible to install or repair the control measure immediately after discovering the deficiency the reason must be documented and a schedule included to return the control measure to effective operating condition as possible.

Are there inadequate control measures requiring corrective action?	YES		NO	X	If "YES" document below
Are there additional control measures needed that were not in place at the time of inspection?	YES		NO	X	If "YES" document below

**REPORTING REQUIREMENTS**

The permittee shall report the following circumstances orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances, and shall mail to the division a written report containing the information requested within five (5) working days after becoming aware of the following circumstances. The division may waive the written report required if the oral report has been received within 24 hours.

<b>All Noncompliance Requiring 24-Hour Notification per Part II.L.6 of the Permit</b>				
a. Endangerment to Health or the Environment Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident (See Part II.L.6.a of the Permit) This category would primarily result from the discharge of pollutants in violation of the permit				
b. Numeric Effluent Limit Violations o Circumstances leading to any unanticipated bypass which exceeds any effluent limitations (See Part II.L.6.b of the Permit) o Circumstances leading to any upset which causes an exceedance of any effluent limitation (See Part II.L.6.c of the Permit) o Daily maximum violations (See Part II.L.6.d of the Permit) Numeric effluent limits are very uncommon in certifications under the COR400000 general permit. This category of noncompliance only applies if numeric effluent limits are included in a permit certification.				
Has there been an incident of noncompliance requiring 24-hour notification?	YES	NO	X	If "YES" document below

After adequate corrective action(s) and maintenance have been taken, or where a report does not identify any incidents requiring corrective action or maintenance, the individual(s) designated as the Qualified Stormwater Manager, shall sign and certify the below statement:

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Tim Herian

\_\_\_\_\_  
Name of Qualified Stormwater Manager

Field Inspector

\_\_\_\_\_  
Title of Qualified Stormwater Manager



\_\_\_\_\_  
Signature of Qualified Stormwater Manager

5/9/2019

\_\_\_\_\_  
Date

Notes/Comments

No signs of sediment offsite. Storm total rainfall 0.51"

## CONSTRUCTION STORMWATER SITE INSPECTION REPORT

Facility Name	Aloha Mula 6 COGCC	Permittee	Wiepking-Fullerton
Date of Inspection	5/24/2019	Weather Conditions	Sunny 70's
Permit Certification #	COR405023	Disturbed Acreage	1.41
Phase of Construction	Site stabilization	Inspector Title	Field Inspector
Inspector Name	Tim Herian		
Is the above inspector a qualified stormwater manager? (permittee is responsible for ensuring that the inspector is a qualified stormwater manager)			YES X
			NO

INSPECTION FREQUENCY	
Check the box that describes the minimum inspection frequency utilized when conducting each inspection	
At least one inspection every 7 calendar days	
At least one inspection every 14 calendar days, with post-storm event inspections conducted within 24 hours after the end of any precipitation or snowmelt event that causes surface erosions	
<ul style="list-style-type: none"> <li>• This is a post-storm event inspection. <span style="float: right;">Event Date:</span></li> </ul>	
Reduced inspection frequency - Include site conditions that warrant reduced inspection frequency	X
<ul style="list-style-type: none"> <li>• Post-storm inspections at temporarily idle sites</li> <li>• Inspections at completed sites/area</li> <li>• Winter conditions exclusion</li> </ul>	X
Have there been any deviations from the minimum inspection schedule? If yes, describe below.	YES NO X

INSPECTION REQUIREMENTS*
i. Visually verify all implemented control measures are in effective operational condition and are working as designed in the specifications
ii. Determine if there are new potential sources of pollutants
iii. Assess the adequacy of control measures at the site to identify areas requiring new or modified control measures to minimize pollutant discharges
iv. Identify all areas of non-compliance with the permit requirements, and if necessary, implement corrective action
*Use the attached Control Measures Requiring Routine Maintenance and Inadequate Control Measures Requiring Corrective Action forms to document results of this assessment that trigger either maintenance or corrective actions

AREAS TO BE INSPECTED			
Is there evidence of, or the potential for, pollutants leaving the construction site boundaries, entering the stormwater drainage system or discharging to state waters at the following locations?			
	NO	YES	If "YES" describe discharge or potential for discharge below. Document related maintenance, inadequate control measures and corrective actions Inadequate Control Measures Requiring Corrective Action form
Construction site perimeter	X		
All disturbed areas	X		
Designated haul routes	X		
Material and waste storage areas exposed to precipitation	X		
Locations where stormwater has the potential to discharge offsite		X	Low
Locations where vehicles exit the site		X	Low
Other:			

**CONTROL MEASURES REQUIRING ROUTINE MAINTENANCE**

Definition: Any control measure that is still operating in accordance with its design and the requirements of the permit, but requires maintenance to prevent a breach of the control measure. These items are not subject to the corrective action requirements as specified in Part I.B.1.c of the permit.

Are there control measures requiring maintenance?	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	If "YES" document below
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**INADEQUATE CONTROL MEASURES REQUIRING CORRECTIVE ACTION**

Definition: Any control measure that is not designed or implemented in accordance with the requirements of the permit and/or any control measure that is not implemented to operate in accordance with its design. This includes control measures that have not been implemented for pollutant sources. If it is infeasible to install or repair the control measure immediately after discovering the deficiency the reason must be documented and a schedule included to return the control measure to effective operating condition as possible.

Are there inadequate control measures requiring corrective action?	YES		NO	X	If "YES" document below
Are there additional control measures needed that were not in place at the time of inspection?	YES		NO	X	If "YES" document below

**REPORTING REQUIREMENTS**

The permittee shall report the following circumstances orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances, and shall mail to the division a written report containing the information requested within five (5) working days after becoming aware of the following circumstances. The division may waive the written report required if the oral report has been received within 24 hours.

<b>All Noncompliance Requiring 24-Hour Notification per Part II.L.6 of the Permit</b>							
a. Endangerment to Health or the Environment Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident (See Part II.L.6.a of the Permit) This category would primarily result from the discharge of pollutants in violation of the permit							
b. Numeric Effluent Limit Violations o Circumstances leading to any unanticipated bypass which exceeds any effluent limitations (See Part II.L.6.b of the Permit) o Circumstances leading to any upset which causes an exceedance of any effluent limitation (See Part II.L.6.c of the Permit) o Daily maximum violations (See Part II.L.6.d of the Permit) Numeric effluent limits are very uncommon in certifications under the COR400000 general permit. This category of noncompliance only applies if numeric effluent limits are included in a permit certification.							
Has there been an incident of noncompliance requiring 24-hour notification?				YES	NO	X	If "YES" document below

After adequate corrective action(s) and maintenance have been taken, or where a report does not identify any incidents requiring corrective action or maintenance, the individual(s) designated as the Qualified Stormwater Manager, shall sign and certify the below statement:

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Tim Herian

\_\_\_\_\_  
Name of Qualified Stormwater Manager

Field Inspector

\_\_\_\_\_  
Title of Qualified Stormwater Manager



\_\_\_\_\_  
Signature of Qualified Stormwater Manager

5/24/2019

\_\_\_\_\_  
Date

Notes/Comments

No signs of sediment offsite.

## CONSTRUCTION STORMWATER SITE INSPECTION REPORT

Facility Name	Aloha Mula 6 COGCC	Permittee	Wiepking-Fullerton
Date of Inspection	6/4/2019	Weather Conditions	Sunny 70's
Permit Certification #	COR405023	Disturbed Acreage	0
Phase of Construction	Site stabilization	Inspector Title	Staff Env Sci
Inspector Name	Brandon Finn		
Is the above inspector a qualified stormwater manager? (permittee is responsible for ensuring that the inspector is a qualified stormwater manager)			YES X
			NO

INSPECTION FREQUENCY			
Check the box that describes the minimum inspection frequency utilized when conducting each inspection			
At least one inspection every 7 calendar days			
At least one inspection every 14 calendar days, with post-storm event inspections conducted within 24 hours after the end of any precipitation or snowmelt event that causes surface erosions			
<ul style="list-style-type: none"> <li>• This is a post-storm event inspection.</li> </ul>	Event Date: 06/03/2019		X
Reduced inspection frequency - Include site conditions that warrant reduced inspection frequency			
<ul style="list-style-type: none"> <li>• Post-storm inspections at temporarily idle sites</li> <li>• Inspections at completed sites/area</li> <li>• Winter conditions exclusion</li> </ul>			
Have there been any deviations from the minimum inspection schedule? If yes, describe below.			YES X
			NO

INSPECTION REQUIREMENTS*
i. Visually verify all implemented control measures are in effective operational condition and are working as designed in the specifications
ii. Determine if there are new potential sources of pollutants
iii. Assess the adequacy of control measures at the site to identify areas requiring new or modified control measures to minimize pollutant discharges
iv. Identify all areas of non-compliance with the permit requirements, and if necessary, implement corrective action
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AREAS TO BE INSPECTED			
Is there evidence of, or the potential for, pollutants leaving the construction site boundaries, entering the stormwater drainage system or discharging to state waters at the following locations?			
	NO	YES	If "YES" describe discharge or potential for discharge below. Document related maintenance, inadequate control measures and corrective actions Inadequate Control Measures Requiring Corrective Action form
Construction site perimeter	X		
All disturbed areas	X		
Designated haul routes	X		
Material and waste storage areas exposed to precipitation	X		
Locations where stormwater has the potential to discharge offsite		X	Low
Locations where vehicles exit the site		X	Low
Other:			

**CONTROL MEASURES REQUIRING ROUTINE MAINTENANCE**

Definition: Any control measure that is still operating in accordance with its design and the requirements of the permit, but requires maintenance to prevent a breach of the control measure. These items are not subject to the corrective action requirements as specified in Part I.B.1.c of the permit.

Are there control measures requiring maintenance?	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	If "YES" document below
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**INADEQUATE CONTROL MEASURES REQUIRING CORRECTIVE ACTION**

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Are there inadequate control measures requiring corrective action?	YES		NO	X	If "YES" document below
Are there additional control measures needed that were not in place at the time of inspection?	YES		NO	X	If "YES" document below

**REPORTING REQUIREMENTS**

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**All Noncompliance Requiring 24-Hour Notification per Part II.L.6 of the Permit**

a. Endangerment to Health or the Environment

Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident (See Part II.L.6.a of the Permit)

This category would primarily result from the discharge of pollutants in violation of the permit

b. Numeric Effluent Limit Violations

o Circumstances leading to any unanticipated bypass which exceeds any effluent limitations (See Part II.L.6.b of the Permit)

o Circumstances leading to any upset which causes an exceedance of any effluent limitation (See Part II.L.6.c of the Permit)

o Daily maximum violations (See Part II.L.6.d of the Permit)

Numeric effluent limits are very uncommon in certifications under the COR400000 general permit. This category of noncompliance only applies if numeric effluent limits are included in a permit certification.

Has there been an incident of noncompliance requiring 24-hour notification?	YES		NO	X	If "YES" document below
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After adequate corrective action(s) and maintenance have been taken, or where a report does not identify any incidents requiring corrective action or maintenance, the individual(s) designated as the Qualified Stormwater Manager, shall sign and certify the below statement:

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Brandon Finn

\_\_\_\_\_  
Name of Qualified Stormwater Manager

Staff Env Sci

\_\_\_\_\_  
Title of Qualified Stormwater Manager



\_\_\_\_\_  
Signature of Qualified Stormwater Manager

6/4/2019

\_\_\_\_\_  
Date

Notes/Comments

No activity onsite.

## CONSTRUCTION STORMWATER SITE INSPECTION REPORT

Facility Name	Aloha Mula 6 COGCC	Permittee	Wiepking-Fullerton
Date of Inspection	6/18/2019	Weather Conditions	Cloudy 70's, 0.30" rainfall total on 6/18/2019
Permit Certification #	COR405023	Disturbed Acreage	1.41
Phase of Construction	Site stabilization	Inspector Title	Field Inspector
Inspector Name	Tim Herian		
Is the above inspector a qualified stormwater manager? (permittee is responsible for ensuring that the inspector is a qualified stormwater manager)			YES X
			NO

INSPECTION FREQUENCY			
Check the box that describes the minimum inspection frequency utilized when conducting each inspection			
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<ul style="list-style-type: none"> <li>• This is a post-storm event inspection.</li> </ul>	Event Date: 06/18/2019		X
Reduced inspection frequency - Include site conditions that warrant reduced inspection frequency			
<ul style="list-style-type: none"> <li>• Post-storm inspections at temporarily idle sites</li> <li>• Inspections at completed sites/area</li> <li>• Winter conditions exclusion</li> </ul>			
Have there been any deviations from the minimum inspection schedule? If yes, describe below.			YES X
			NO

INSPECTION REQUIREMENTS*
i. Visually verify all implemented control measures are in effective operational condition and are working as designed in the specifications
ii. Determine if there are new potential sources of pollutants
iii. Assess the adequacy of control measures at the site to identify areas requiring new or modified control measures to minimize pollutant discharges
iv. Identify all areas of non-compliance with the permit requirements, and if necessary, implement corrective action
*Use the attached Control Measures Requiring Routine Maintenance and Inadequate Control Measures Requiring Corrective Action forms to document results of this assessment that trigger either maintenance or corrective actions

AREAS TO BE INSPECTED			
Is there evidence of, or the potential for, pollutants leaving the construction site boundaries, entering the stormwater drainage system or discharging to state waters at the following locations?			
	NO	YES	If "YES" describe discharge or potential for discharge below. Document related maintenance, inadequate control measures and corrective actions Inadequate Control Measures Requiring Corrective Action form
Construction site perimeter	X		
All disturbed areas	X		
Designated haul routes	X		
Material and waste storage areas exposed to precipitation	X		
Locations where stormwater has the potential to discharge offsite		X	Low
Locations where vehicles exit the site		X	Low
Other:			

**CONTROL MEASURES REQUIRING ROUTINE MAINTENANCE**

Definition: Any control measure that is still operating in accordance with its design and the requirements of the permit, but requires maintenance to prevent a breach of the control measure. These items are not subject to the corrective action requirements as specified in Part I.B.1.c of the permit.

Are there control measures requiring maintenance?	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	If "YES" document below
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**INADEQUATE CONTROL MEASURES REQUIRING CORRECTIVE ACTION**

Definition: Any control measure that is not designed or implemented in accordance with the requirements of the permit and/or any control measure that is not implemented to operate in accordance with its design. This includes control measures that have not been implemented for pollutant sources. If it is infeasible to install or repair the control measure immediately after discovering the deficiency the reason must be documented and a schedule included to return the control measure to effective operating condition as possible.

Are there inadequate control measures requiring corrective action?	YES		NO	X	If "YES" document below
Are there additional control measures needed that were not in place at the time of inspection?	YES		NO	X	If "YES" document below

**REPORTING REQUIREMENTS**

The permittee shall report the following circumstances orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances, and shall mail to the division a written report containing the information requested within five (5) working days after becoming aware of the following circumstances. The division may waive the written report required if the oral report has been received within 24 hours.

**All Noncompliance Requiring 24-Hour Notification per Part II.L.6 of the Permit**

a. Endangerment to Health or the Environment

Circumstances leading to any noncompliance which may endanger health or the environment regardless of the cause of the incident (See Part II.L.6.a of the Permit)

This category would primarily result from the discharge of pollutants in violation of the permit

b. Numeric Effluent Limit Violations

o Circumstances leading to any unanticipated bypass which exceeds any effluent limitations (See Part II.L.6.b of the Permit)

o Circumstances leading to any upset which causes an exceedance of any effluent limitation (See Part II.L.6.c of the Permit)

o Daily maximum violations (See Part II.L.6.d of the Permit)

Numeric effluent limits are very uncommon in certifications under the COR400000 general permit. This category of noncompliance only applies if numeric effluent limits are included in a permit certification.

Has there been an incident of noncompliance requiring 24-hour notification?	YES		NO	X	If "YES" document below
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After adequate corrective action(s) and maintenance have been taken, or where a report does not identify any incidents requiring corrective action or maintenance, the individual(s) designated as the Qualified Stormwater Manager, shall sign and certify the below statement:

"I verify that, to the best of my knowledge and belief, all corrective action and maintenance items identified during the inspection are complete, and the site is currently in compliance with the permit."

Tim Herian

\_\_\_\_\_  
Name of Qualified Stormwater Manager

Field Inspector

\_\_\_\_\_  
Title of Qualified Stormwater Manager



\_\_\_\_\_  
Signature of Qualified Stormwater Manager

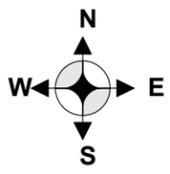
6/18/2019

\_\_\_\_\_  
Date

Notes/Comments

No activity onsite.

WELL NAME:	Aloha Mula 6			API#:	COG-06389		
	QTR/QTR:	SWNE	SEC:	19	TWN:	10S	RNG: 55W
LAT/LONG:	39.16595/-103.59198						
DIRECTIONS:							
Hwy 40 & CR 26 S, 2.6, W .35 into							
MUNICIPALITY:							
Lincoln							
PRE-CONSTRUCTION VEGETATION DESCRIPTION AND COVERAGE PERCENT:							
Rangeland 71%							
TOPOGRAPHY:							
3-20% slopes							
TOTAL DISTURBED AREA (acres):							
0.62							
SOIL TYPE"							
Valent Sand							
NEAREST RECEIVING WATERS							
NAME	Big Sandy Creek						
DIRECTION	Northeast						
DISTANCE	1.5 miles						
NON-STORMWATER DISCHARGE							
NAME							
DIRECTION							
DISTANCE							
POTENTIAL DRAINAGE AREA							
NAME							
DIRECTION							
DISTANCE							
MAP GENERATED BY				LT ENVIRONMENTAL			
SITE CONSTRUCTION COMPANY							
LANDMAN REPRESENTATIVE	KERRY HALDE						
COMMENTS							



Lease/Name: Aloha Mula 6

API: COG-06389

SEC: 19 TWN: 10S RNG: 55W

Land Use: Rangeland

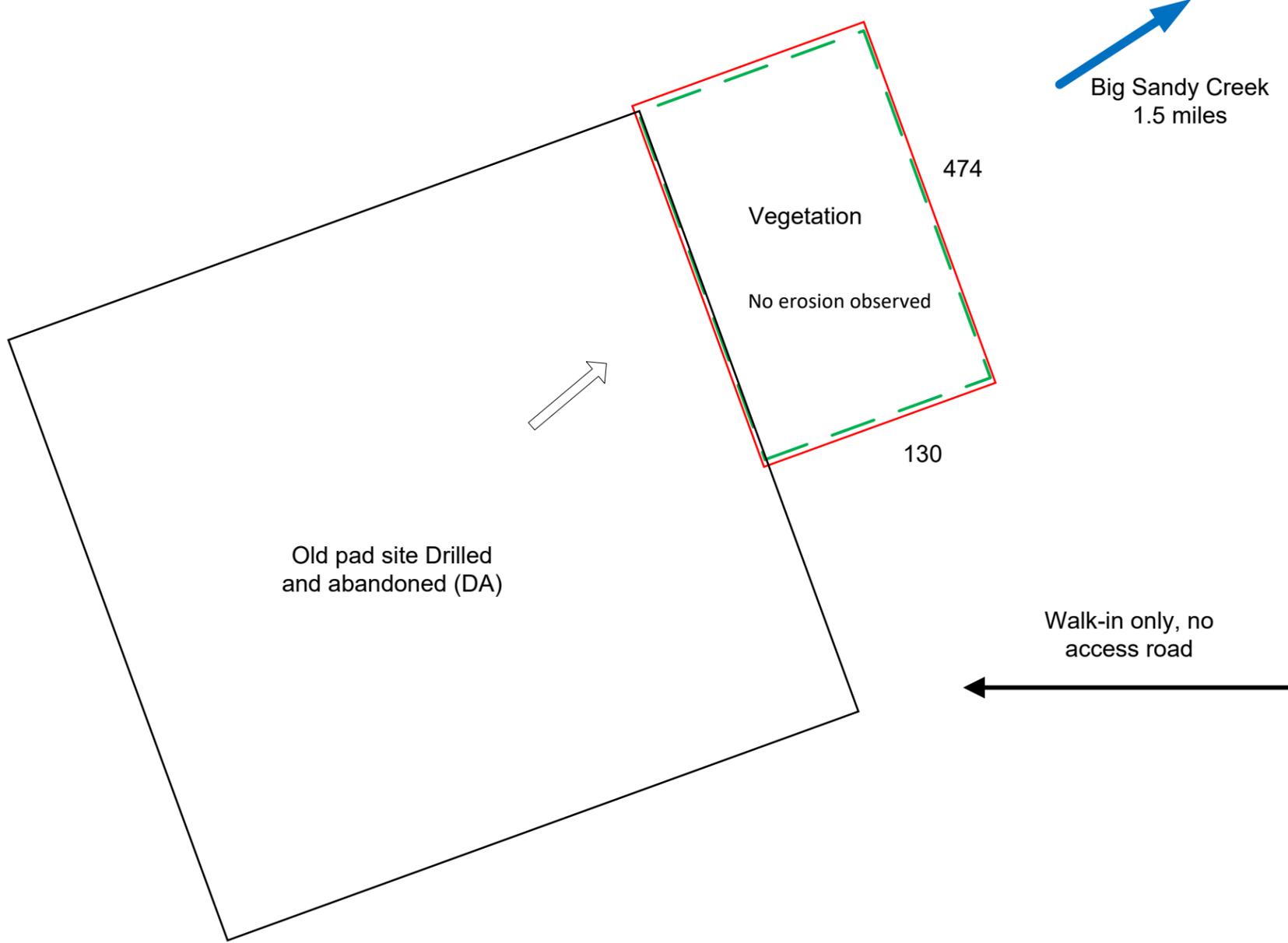
Lat/Long: 39.16595/-103.59198

Runoff Risk: Low

County: Lincoln

Permittee:  
Wiepking-Fullerton  
Energy, LLC

Inspection Date:  
5/9/19



Satellite Map: Courtesy of Google Earth



**LEGEND**

Construction Boundary	Disturbance Boundary	Cut/Fill Line	Chemical Storage	Port-o-let	Roadbased Surface	Surface Water	Paved Road	Unpaved Road	Meter House	Flare	AST	Water Sump	Separator	Wellhead	Rig	Stock Pile	Rolloff Frac Tank	Frac Trailer	Equipment Storage	Trailer	Surface Flow	Vehicle Tracking Control	Cattleguard	Dumpster	Berm	Check Dam	Culvert	Ditch	Ditch & Berm	Erosion Control Blanket	Filter Berm	Hydro-mulch	Mulching	Ripping	Riprap	Sediment Trap	Seeding	Silt Fence	Sound Barrier	Straw Bale	Soil Roughening	Wattle
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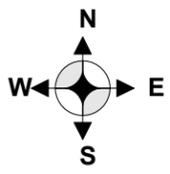
Topographic Map: Courtesy of Google Earth



- 1) Construction site boundaries include all ground surface disturbances and approximately 10-15 feet beyond perimeter BMPs. Boundaries are subject to change at any time for pad expansion, maintenance and addition of BMP structures, or new access roads.
- 2) Surrounding conditions include rangeland vegetation with pre-disturbance vegetation density approximately 70%
- 3) Receiving Body of Water:  
Big Sandy Creek approximately 1.5 miles Northeast
- 4) Pad will be graded and seeded, if necessary, to as close to pre-existing conditions as practicable once construction is completed.
- 5) Pad dimensions are approximate.



Map Not to Scale



Lease/Name: Aloha Mula 6

API: COG-06389

SEC: 19 TWN: 10S RNG: 55W

Land Use: Rangeland

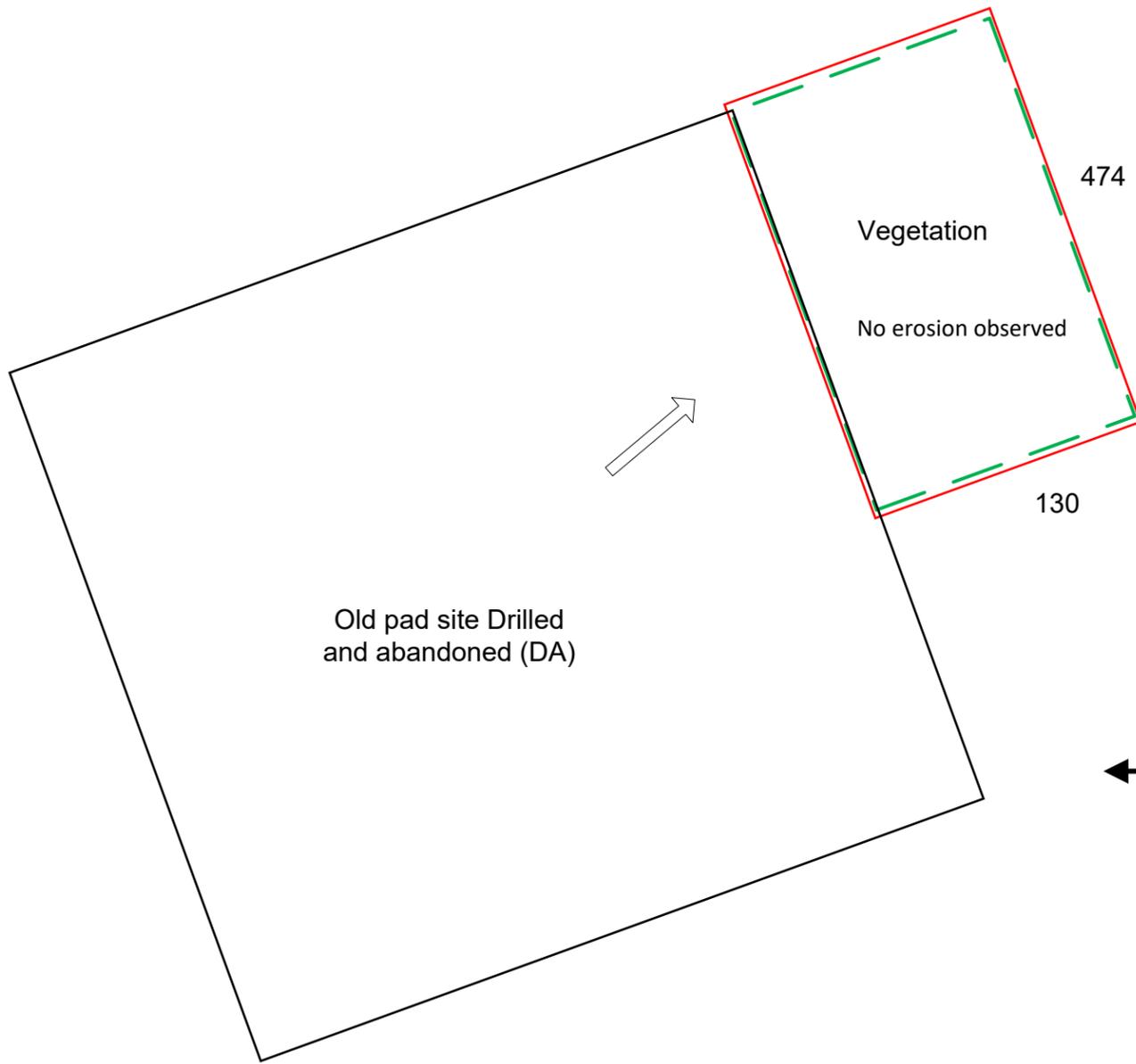
Lat/Long: 39.16595/-103.59198

Runoff Risk: Low

County: Lincoln

Permittee:  
Wiepking-Fullerton  
Energy, LLC

Inspection Date:  
5/24/19



Satellite Map: Courtesy of Google Earth



**LEGEND**

<b>Construction Boundary</b>	<b>Disturbance Boundary</b>	<b>Cut/Fill Line</b>	<b>Chemical Storage</b>	<b>Port-o-let</b>	<b>Roadbased Surface</b>	<b>Surface Water</b>	<b>Paved Road</b>	<b>Unpaved Road</b>	<b>Meter House</b>	<b>Flare</b>	<b>AST</b>	<b>Water Sump</b>	<b>Separator</b>	<b>Wellhead</b>	<b>Rig</b>	<b>Stock Pile</b>	<b>Rolloff Frac Tank</b>	<b>Frac Trailer</b>	<b>Equipment Storage</b>	<b>Trailer</b>	<b>Surface Flow</b>	<b>Vehicle Tracking Control</b>	<b>Cattleguard</b>	<b>Dumpster</b>	<b>Berm</b>	<b>Check Dam</b>	<b>Culvert</b>	<b>Ditch</b>	<b>Ditch &amp; Berm</b>	<b>Erosion Control Blanket</b>	<b>Filter Berm</b>	<b>Hydro-mulch</b>	<b>Mulching</b>	<b>Ripping</b>	<b>Riprap</b>	<b>Sediment Trap</b>	<b>Seeding</b>	<b>Silt Fence</b>	<b>Sound Barrier</b>	<b>Straw Bale</b>	<b>Soil Roughening</b>	<b>Wattle</b>
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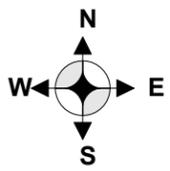
Topographic Map: Courtesy of Google Earth



- 1) Construction site boundaries include all ground surface disturbances and approximately 10-15 feet beyond perimeter BMPs. Boundaries are subject to change at any time for pad expansion, maintenance and addition of BMP structures, or new access roads.
- 2) Surrounding conditions include rangeland vegetation with pre-disturbance vegetation density approximately 70%
- 3) Receiving Body of Water:  
Big Sandy Creek approximately 1.5 miles Northeast
- 4) Pad will be graded and seeded, if necessary, to as close to pre-existing conditions as practicable once construction is completed.
- 5) Pad dimensions are approximate.



Map Not to Scale



Lease/Name: Aloha Mula 6

API: COG-06389

SEC: 19 TWN: 10S RNG: 55W

Land Use: Rangeland

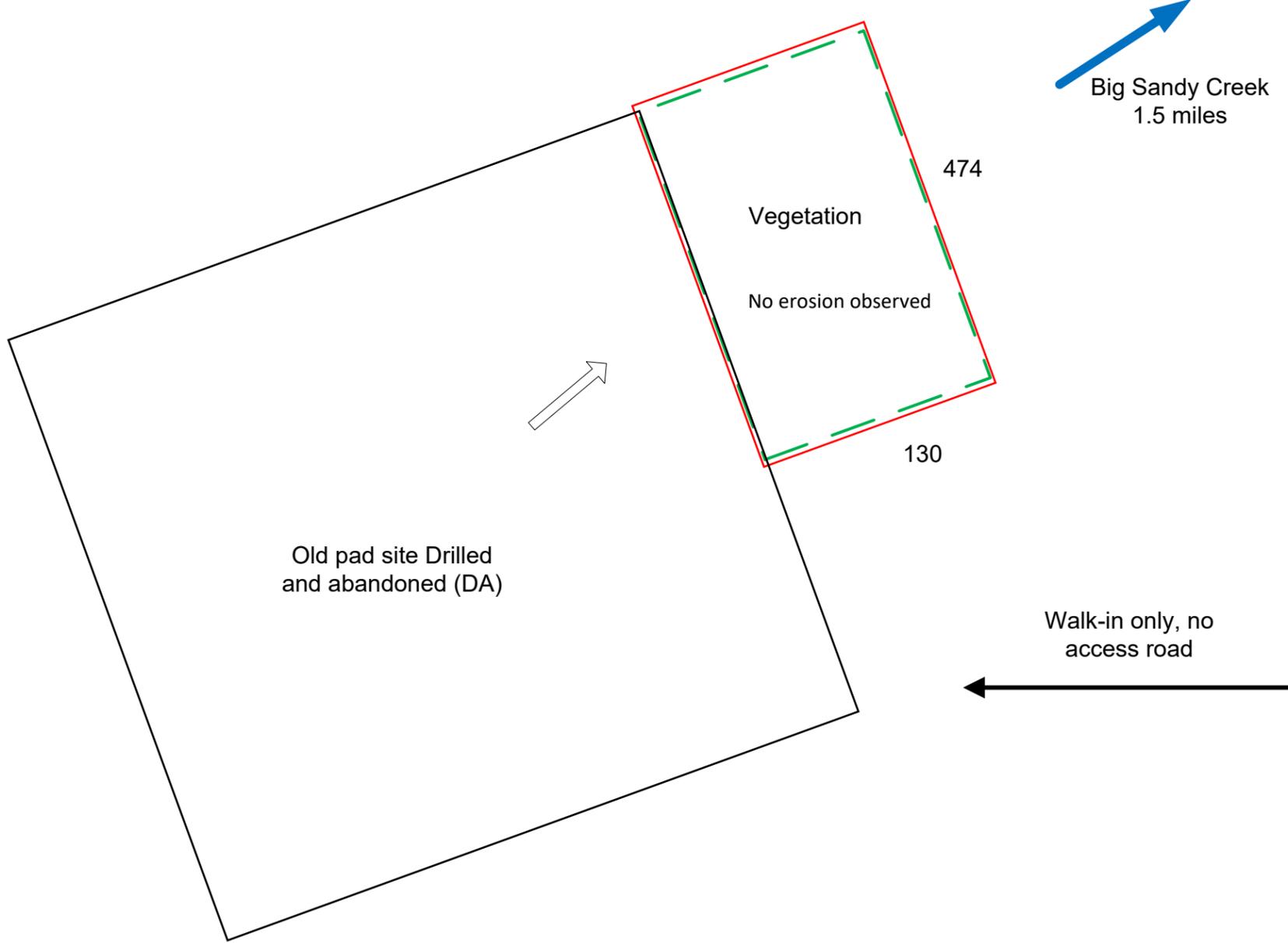
Lat/Long: 39.16595/-103.59198

Runoff Risk: Low

County: Lincoln

Permittee:  
Wiepking-Fullerton  
Energy, LLC

Inspection Date:  
6/4/19



Satellite Map: Courtesy of Google Earth



**LEGEND**

	<b>Construction Boundary</b>		<b>Pad Surface Boundary</b>		<b>Ditch</b>
	<b>Disturbance Boundary</b>		Wellhead		<b>Ditch &amp; Berm</b>
	<b>Cut/Fill Line</b>		Rig		<b>Erosion Control Blanket</b>
	<b>Chemical Storage</b>		Stock Pile		<b>Filter Berm</b>
	<b>Port-o-let</b>		Rolloff Frac Tank		<b>Hydro-mulch</b>
	Roadbased Surface		Frac Trailer		<b>Mulching</b>
	<b>Surface Water</b>		Equipment Storage		<b>Ripping</b>
	<b>Paved Road</b>		Trailer		<b>Riprap</b>
	<b>Unpaved Road</b>		<b>Surface Flow</b>		<b>Sediment Trap</b>
	<b>Meter House</b>		<b>Vehicle Tracking Control</b>		<b>Seeding</b>
	Flare		Cattleguard		<b>Silt Fence</b>
	AST		<b>Dumpster</b>		<b>Sound Barrier</b>
	Water Sump		<b>Berm</b>		Straw Bale
	Separator		<b>Check Dam</b>		<b>Soil Roughening</b>
			<b>Culvert</b>		<b>Wattle</b>

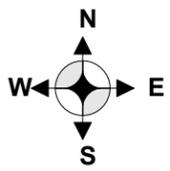
Topographic Map: Courtesy of Google Earth



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API: COG-06389

SEC: 19 TWN: 10S RNG: 55W

Land Use: Rangeland

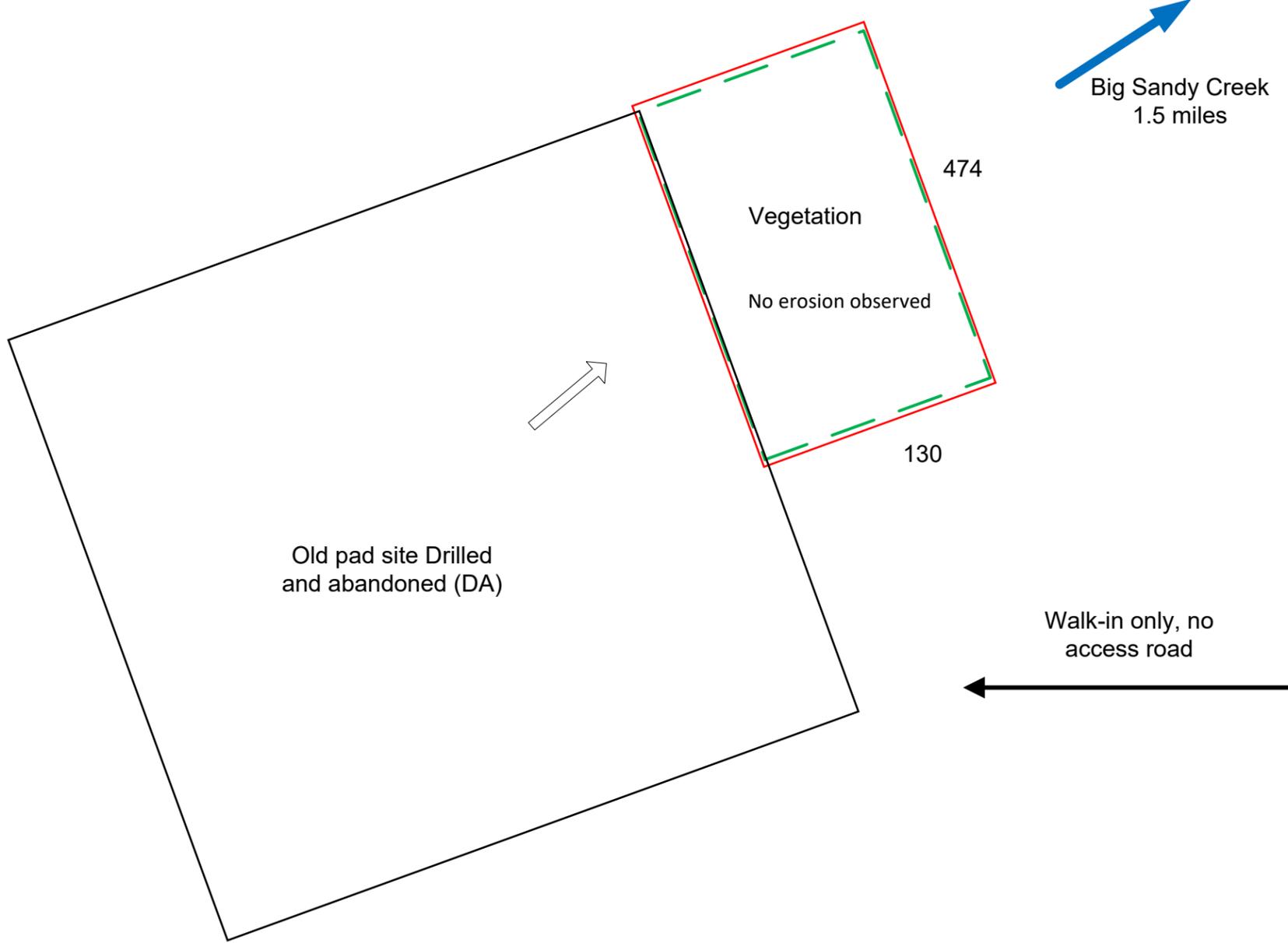
Lat/Long: 39.16595/-103.59198

Runoff Risk: Low

County: Lincoln

Permittee:  
Wiepking-Fullerton  
Energy, LLC

Inspection Date:  
6/18/19



Satellite Map: Courtesy of Google Earth



**LEGEND**

<b>Construction Boundary</b>	<b>Disturbance Boundary</b>	<b>Cut/Fill Line</b>	<b>Chemical Storage</b>	<b>Port-o-let</b>	<b>Roadbased Surface</b>	<b>Surface Water</b>	<b>Paved Road</b>	<b>Unpaved Road</b>	<b>Meter House</b>	<b>Flare</b>	<b>AST</b>	<b>Water Sump</b>	<b>Separator</b>	<b>Wellhead</b>	<b>Rig</b>	<b>Stock Pile</b>	<b>Rolloff Frac Tank</b>	<b>Frac Trailer</b>	<b>Equipment Storage</b>	<b>Trailer</b>	<b>Surface Flow</b>	<b>Vehicle Tracking Control</b>	<b>Cattleguard</b>	<b>Dumpster</b>	<b>Berm</b>	<b>Check Dam</b>	<b>Culvert</b>	<b>Ditch</b>	<b>Ditch &amp; Berm</b>	<b>Erosion Control Blanket</b>	<b>Filter Berm</b>	<b>Hydro-mulch</b>	<b>Mulching</b>	<b>Ripping</b>	<b>Riprap</b>	<b>Sediment Trap</b>	<b>Seeding</b>	<b>Silt Fence</b>	<b>Sound Barrier</b>	<b>Straw Bale</b>	<b>Soil Roughening</b>	<b>Wattle</b>
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