

Hamre, John G.

From: Marohl, Christopher A.
Sent: Thursday, November 29, 2012 4:52 PM
To: Hamre, John G.
Subject: FW: Case # PU-10-120 - Hess Corporation (Hess) Tioga Gas Plant (TGP) Expansion Construction Inspection
Attachments: PU-10-120 Hess Gas Plant Construction Inspection Summary.pdf

John, please docket in PU-10-120. Hope all is well in Bismarck. Thank you! Chris

From: Ryan Krapp [rkrapp@carlsonmccain.com]
Sent: Thursday, November 29, 2012 4:42 PM
To: Marohl, Christopher A.
Cc: bwright@hess.com; Todd Hartleben
Subject: Case # PU-10-120 - Hess Corporation (Hess) Tioga Gas Plant (TGP) Expansion Construction Inspection

Greetings Mr. Marohl,

Carlson McCain, Inc. has completed an on-site inspection of the Hess TGP Expansion on November 15, 2012. Attached is a letter on the results of the inspection along with photos and field notes.

Any questions or concerns please contact me or Todd Hartleben.

Respectfully submitted,

Ryan J Krapp
Natural Resource Specialist

Carlson McCain, Inc.
600 South 2nd Street, Suite 105 | Bismarck, ND 58504
Direct 701-595-7003 | Cell 701-471-8788 | Fax 701-255-1477

www.carlsonmccain.com

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74 **PU-10-120** Filed: 11/29/2012 Pages: 12
On-site inspection report of Hess Tioga Gas Plant Expansion



November 29, 2012

Christopher Marhol
Public Utility Analyst
ND Public Service Commission
600 E. Boulevard Ave., Dept. 408
Bismarck, ND 58505-0480

Dear Mr. Marohl:

Carlson McCain, Inc (CMI) conducted an on-site inspection of the Hess Corporation (Hess) Tioga Gas Plant (TGP) Expansion (Case No. PU-10-120) on November 15, 2012. CMI Inspector Ryan Krapp met with Hess TGP Expansion Construction Manager, Mr. Scott Wright and Environmental Compliance Manager, Mr. Greg Lee at the Hess TGP field office. Permits and records were reviewed, construction progress was discussed and a construction site tour was conducted.

Construction progress was discussed and no concerns were raised at the office meeting. Mr. Wright indicated that the completion date has been delayed and that an amended timeline will be submitted to Public Service Commission (PSC). The Permit Checklist Table as received by the PSC on September 2, 2012, was reviewed with Mr. Wright. He indicated that this table was in need of updating as many of permits or plans listed as "pending" have been received or completed. Mr. Wright provided the current permits with the Federal Aviation Administration, and plans for compliance with ND Department of Health (NDDoH) Air Quality, the NDDoH Ground Water Protection Program, NDDoH Stormwater Programs (SWPPPs) and Spill Prevention, Control, and Countermeasure (SPCC) plans. The SWPPP bi-weekly (14-day) reports were reviewed and receipts for proper disposal of regulated material were also found within the SPCC documentation. These plans were briefly reviewed and appeared to be in compliance. Mr. Wright also produced a permit from the NDDoH to discharge Hydrostatic Testing Water (that had been submitted for analytical testing and meets permit parameters). The original PSC application indicated it was to be taken to a disposal well.

It was noted that although the plans, permits and weekly construction progress were in place on-site, not all of these reports have been submitted to the PSC and posted to the website. Mr. Wright committed to working on filing these.

Mr. Lee and Mr. Krapp proceeded to the expansion site to view construction practices and progress. Multiple phases of construction were underway. Kiewit Infrastructure Group (Kiewit), is the general contractor hired for the Hess TGP Expansion. Mr. Lee discussed and demonstrated the environmental and safety practices being implemented by Kiewit to comply with SWPPP and SPCC plans and permits. Hess and Kiewit has installed and is maintaining erosion control devices (silt fences, straw wattles), drainage ditches within and around the construction site, and a settling pond on the south side of expansion. The overall field site compliance review was found to be satisfactory. Inspection notes and photos taken on-site are attached to this letter.

Construction Inspection Summary
Hess Corporation, Tioga Gas Plant Expansion – Williams County
PSC Case No. PU-10-120

Discussions with Hess personnel after inspection included:

- 1) Submit all weekly construction reports over life of project to PSC and include CMI on weekly emails.
- 2) Submit updated plans and permits to PSC as were provided during inspection.
- 3) Continue to ensure that the bi-weekly SW3P field reviews are being conducted and report filed timely manner.
- 4) CMI inspector recommended seeding of a vegetative cover (i.e. oats, winter wheat) and utilize fiber matting to ditches and roadside slopes that have experienced past erosional issues.

Hess personnel agreed to further review these items and submit any updates to the PSC. Therefore, it is our opinion that the construction practices and procedures being implemented in the field and plans provided on-site by Hess are in compliance with the Public Service Commission Provisions for Transmission Facility Siting.

Please contact me at 701-595-7003 if you have any questions or comments.

Respectfully submitted,



Ryan J. Krapp
Natural Resource Specialist
rkrapp@carlsonmccain.com

cc: Mr. Scott Wright – Construction Manager, Hess TGP Expansion Project

Attachment

Construction Inspection Summary
Hess Corporation, Tioga Gas Plant Expansion – Williams County
PSC Case No. PU-10-120



Figure 1. Hess TGP Expansion overview. Photo taken northeast of site facing south-southwest.



Figure 2. Diversion ditch separating existing site from construction expansion zone. Water is diverted from the existing facility grounds south to containment ponds through ditch. Silt fence and straw wattles are used occasionally in bottom and around culverts.



Figure 3. Rock rip-rapped culvert entrance within diversion ditch. Silt fence is also in place in bottom of ditch (currently covered by snow).



Figure 4. Storm water retention pond #3 located on south side of expansion site. The pond is rock rip-rapped with two inlet culverts from the construction site. The pond is also equipped with an evacuation pump system (pictured in lower right) and an emergency spillway for major runoff event.

Construction Inspection Summary
Hess Corporation, Tioga Gas Plant Expansion – Williams County
PSC Case No. PU-10-120



Figure 5. Water diversion ditch on east side of TGP expansion site. Silt fence in place with minor damage from heavy snow. Fencing will be repaired as conditions allow.



Figure 6. Photo taken facing south near the center of the TGP Expansion.

Construction Inspection Summary
Hess Corporation, Tioga Gas Plant Expansion – Williams County
PSC Case No. PU-10-120



Figure 7. Photo taken facing west near the center of the TGP Expansion. Pictured is access road above tiered construction site. Water diversion ditch to culvert under road currently snow filled (marked by orange pylons).



Figure 8. Photo taken facing north near the center of the TGP Expansion. Temporary office buildings set on-site.

Construction Inspection Summary
Hess Corporation, Tioga Gas Plant Expansion – Williams County
PSC Case No. PU-10-120



Figure 9. Photo taken facing north near the center of the TGP Expansion. Secondary containment in place under portable generator.



FIELD INSPECTION LOG

DAILY LOG	DATE	11	14	12
	NO.			
	SHEET	1	OF	4

PROJECT NAME: *Hess Corporation - Tioga Gas Plant Expansion Project* CASE NO. *PU-10-120*

FIELD ACTIVITY SUBJECT: *Audit #1*

NOTES:

- Meeting with Mr. Scott Wright - Hess Construction Manager in Tioga Plant Field Office
- 1) Reviewed Permit Checklist submitted by Crowley-Fleck (J. Morrison) on September 2, 2010 found on PSC website.
 - Mr. Wright indicated that this was not up to date (latest updates/permits have not been submitted to PSC), Commitment to do so.
- 2) Mr. Wright indicated Plant Manager has changed - Mr. Ken Goebel now managing
 - Mr. Wright will submit change to PSC
- 3) SWAP Plans provided for review. Prepared by Merjent.
 - Inspection Reports reviewed. Required every 14 days or After rainfall event
 - A few missing, but overall most found.
 - Noted: Expansion plan change that included a 3rd Stormwater Ret. Pond (overmitt) Pond is operating under Construction Stormwater SWAP and will be included in final Operating Industrial SWAP before Plant Operation.
 - Inspection reports revealed ongoing maintenance of erosion problem areas. Sediments removed + erosion control devices (ECC) (straw waddles + silt fences) repaired or replaced

LATITUDE, LONGITUDE	CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS	PHOTO(S)

CARLSON MCCAIN PERSONNEL ON SITE *R.J. Krapp*

SIGNATURE <i>R.J. Krapp</i>	DATE <i>11-14-12</i>
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FIELD INSPECTION LOG

DAILY LOG	DATE	11	14	12
	NO.			
	SHEET	2	OF	4

PROJECT NAME: Hess Corporation - Tioga Gas Plant Expansion Project

CASE NO. PU-10-120

FIELD ACTIVITY SUBJECT: Audit # 1 (cont.)

NOTES: (cont.)

- 4) FAA Permit Booklets provided and assured compliant by Mr. Wright
- 5) Construction Completion date will be amended to 3rd quarter of 2013
- 6) SPCC plans in place - Hess + Kiewit Infrastructure Group (Gen. Contract)
 - Hazardous & Non-Hazardous Waste Disposal Documents Produced
 - Hess has used Clean Harbors Environmental to dispose of soil as was initially identified in PSC Application Section B, #8, NDDoH - B. Hydrocarbons as ^{potentially} contaminated & upon excavation confirmed
 - Kiewit records indicated use of Safety Clean Systems, Inc. of Bismarck, ND & Ellen, OH. for disposal of regulated materials produced during construction.
- 7) Hydrostatic Testing Water Disposal
 - Hess obtained permit from NDDoH to discharge test clean water on surface, not disposal well as disclosed in PSC application
 - Mr. Wright will provide permit to PSC

LATITUDE, LONGITUDE

CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS

PHOTO(S)

CARLSON MCCAIN PERSONNEL ON SITE

SIGNATURE

DATE

11-14-12



FIELD INSPECTION LOG

DAILY LOG

DATE	11	14	12
NO.			
SHEET	3	OF	4

PROJECT NAME: Hess Corporation - Tioga Gas Plant Expansion Project CASE NO. PU-10-120

FIELD ACTIVITY SUBJECT: Audit #1 (cont.) Expansion Area Field V.317

NOTES: Hess Environmental Compliance - Greg Lee

- All SWBP construction permit for stormwater and BMP's have been followed to best ability
- Ditches have been established through site w/ waddles in place in bottoms and discharge/intake areas rip-rapped w/ rock (2-6")
- Ditches act to contain entire site's stormwater runoff
- Two main ditches discharge into a stormwater retention pond, fully contain all water from site. A overflow lowhead dam outlet is in place that would flow to creek.
- Pond has never overflowed. Pump system in place if any contamination is observed on water.

LATITUDE, LONGITUDE CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS Sunny, 25°, Lt. wind 3-6" of snow cover PHOTO(S) Yes

CARLSON MCCAIN PERSONNEL ON SITE R.J. Kuyf

SIGNATURE DATE 11-14-12



FIELD INSPECTION LOG

DAILY LOG

DATE	11	14	12
NO.			
SHEET	4	OF	4

PROJECT NAME: *Hess Corporation - Tioga Gas Plant Expansion Project* CASE NO. *PU-10-120*

FIELD ACTIVITY SUBJECT: *Audit #1 - Summary*

NOTES:

Recommendations/ Commitments

- 1) Update / Provide all weekly construction reports to PSC*
- 2) Provide any updates of Plant Expansion Plans to PSC for posting to website Case*
- 3) Maintain 14 day inspections of BMP's, ECD's to comply with SWPP*
- 4) Recommendation to use fiber matting along with seeding of vegetative cover crop (oats, winter wheat) (on problem areas) to reduce erosion and subsequent maintenance*

LATITUDE, LONGITUDE

CHANGES FROM PLANS AND SPECIFICATIONS

WEATHER CONDITIONS

PHOTO(S)

CARLSON MCCAIN PERSONNEL ON SITE *R. V. Kuyper*

SIGNATURE

DATE *11-14-12*