

E & A Consulting Group, Inc.
 10909 Mill Valley Road, Suite 100
 Omaha, NE 68154
 tel 402.895.4700
 fax 402.895.3599
 www.eacg.com



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Engineering Answers

Zachary A. Jilek, CPESC, CISEC
 Environmental Services Dept. Manager

E&A- P1999.175.072

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|---------------------------|--|--------------|
| Inspector: Branson Starns | | Stage |
| Project Name: | Industrial Building-Val Vista Lot 1, Replat 6 LAV-20150407-3020-GP2 | 3 |
| For Week Ending: | 5/13/2017 | |
| Project Location: | 10651 Chandler Road, La Vista, NE (Sarpy County) | 68128 |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 100% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 100% | | | |
| Seeding: | 100% | | | |
| Utilities: | 100% | | | |
| Overall Development: | 100% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | |
|-------------------|------------------|----------------|--------------------|---------------|
| | | | | Week 1 |
| Sunday: | 0.06" | | | |
| Monday | 0.03" | | | |
| Tuesday | 0.00" | | | |
| Wednesday | 0.10" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.43" | | | |
| Saturday | 0.01" | | | |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.23" | | | |
| Wednesday | 0.42" | | | |
| Thursday | 0.00" | 04/20/17 | Rain 63/50 | |
| Friday | 0.00" | | | |
| Saturday | 0.00" | | | |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.07" | | | |
| Wednesday | 0.00" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.47" | | | |
| Saturday | 0.07" | | | |
| Sunday: | 1.05" | | | |
| Monday | 0.17" | | | |
| Tuesday | 0.00" | 05/02/17 | S. Clouds 67/44 | |
| Wednesday | 0.00" | | | |
| Thursday | 0.00" | | | |
| Friday | 0.00" | | | |
| Saturday | 0.00" | | | |
| Sunday: | 0.00" | | | |
| Monday | 0.00" | | | |
| Tuesday | 0.00" | | | |
| Wednesday | 1.30" | | | |
| Thursday | 0.00" | 5/11/2017 | P. Cloudy 72/52 | |
| Friday | 0.00" | | | |
| Saturday | 0.00" | | | |

| | |
|-------------|------|
| Complaints: | None |
|-------------|------|

Construction Sequencing:
Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?

Site is active as of the inspection on 8/13/2015 for grading operations. Minor grading will be completed at a later time due to mass grading ending on 9/15/2015. Entire perimeter paving of the site was finished prior to inspection on 6/23/16.

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :

Site is active as of the inspection on 8/13/2015 for grading operations. Minor grading will be completed at a later time due to mass grading ending on 9/15/2015. Entire perimeter paving of the site was finished prior to inspection on 6/23/16.

What temporary or permanent stabilization measures listed in this section are being implemented?

Existing Vegetation (8/13/2015). The PCSMP basins were seeded and matted (8/19/16). The site was sodded prior to 10/3/16. KVI installed erosion control matting along the remaining exposed soils (11/15/16).

SUMMARY QUESTIONS:

Are approved entrances and adjacent streets being maintained adequately?
Yes

Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?
No- The northern PCSMP had been nearly fully improperly de-watered into a curb inlet on 5/2/17.

CHECKLIST QUESTIONS:

Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?
Yes

Is dust associated with the construction activity adequately controlled on the site?
Yes

Comments:

Comments:
Site was active during the last inspection. The restoration of the basins to functionality needs to be completed and the vegetation needs to become established in a few areas come spring. **The northern PCSMP was nearly fully de-watered during the inspection on 5/2/17, work on basin drainage restoration will most likely follow.**

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

- 1.) Some maintenance is required in the BMP section.
- 2.) The northern PCSMP basin needs to have silt removed and the drainage restored. KVI was informed to complete by 11/22/16. Not done as of last inspection. KVI was reminded on 11/25/16. KVI was reminded on 1/19/17, 3/28/17.
- 3.) The southern PCSMP's drainage is impaired and needs to be restored. KVI was informed to complete by 1/25/17. Not done as of last inspection. KVI was reminded on 3/28/17.
- 4.) Minor erosion along the northern slope of the southern PCSMP needs repaired and stabilized. KVI was informed to complete by 4/3/17. Not done as of last inspection. KVI was reminded on 4/21/17.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|--|-----------------------|------------------------|---------|-------------|
| CE1 | Construction Entrance | Chandler Road | | Removed | |
| Current Condition: | Removed- KVI paved the entrance prior to inspection on 6/4/16. | | | | |
| CE2 | Construction Entrance | Chandler Road-East | | Removed | |
| Current Condition: | Removed- Entrance removed by KVI prior to 12/22/2015. | | | | |
| IP 1 | Inlet protection | Chandler Road | | Removed | |
| Current Condition: | Removed- KVI or the construction site to the west removed the inlet protection prior to inspection on 9/26/16; sediment entering the curb inlet is from construction activities at the site to the west. | | | | |
| PCSMP Basin #1 | Other | Along Chandler Road | | Removed | |
| Current Condition: | Removed- the basin has been converted to a post construction basin prior to inspection on 8/19/16. | | | | |
| PCSMP Basin #2 | Other | Southern side of site | | Removed | |
| Current Condition: | Removed- the basin has been converted to a post construction basin prior to inspection on 8/19/16. | | | | |
| SF1 | Silt Fence | NW corner | | Removed | |
| Current Condition: | Removed- KVI removed the silt fence prior to 11/15/16. | | | | |
| SF2 | Silt Fence | Chandler Road | | Removed | |
| Current Condition: | Removed- KVI sodded the soils negating the need for silt fence prior to 10/3/16. | | | | |
| SF3 | Silt Fence | Southern side of site | 11/10/2015 | Active | Yes |
| Current Condition: | Fair Condition- The silt fence should be removed or cleaned out at the west end. KVI was informed to complete by 11/22/16. Not done as of last inspection. KVI was reminded on 11/25/16, 12/27/16, 1/19/17, 3/28/17, 4/21/17. | | | | |
| SF4 | Silt Fence | Around PCSMP Basin #1 | | Removed | |

| | | | | | |
|-----------------------------|---|--|------------|---------------------|-----------------------|
| Current Condition: | Removed- The area is set to be paved and the silt fence will no longer be needed as of inspection on 4/28/16. | | | | |
| SF5 | Silt Fence | Around PCSMP Basin #2 | | Removed | |
| Current Condition: | Removed- Silt fence has been removed due to paving completed up to the edge of the basin prior to inspection on 5/9/16. | | | | |
| SF6 | Silt Fence | SW area drain | 11/10/2015 | Active | Yes |
| Current Condition: | <p>Fair Condition-</p> <p>The silt fence around the area drain should be removed.</p> <p>KVI was informed to complete by 11/22/16. Not done as of last inspection. KVI was reminded on 11/25/16, 12/27/16, 1/19/17, 3/28/17, 4/21/17.</p> | | | | |
| SF 7 | Silt Fence | Around the exposed soils of the PCSMP Basins | | Removed | |
| Current Condition: | Removed- KVI stabilized the soils around the site prior to 10/3/16. | | | | |
| WO-1 | Concrete Washout | By CE-1 | | Removed | |
| Current Condition: | Removed- the washout has been removed prior to inspection on 6/4/16. E&A informed KVI on 6/5/16 to reinstall the concrete washout once paving resumes in the interior of the building. | | | | |
| STR | Streets | Chandler Road | 8/13/2015 | Active | No |
| Current Condition: | Good Condition- KVI cleaned the interior streets prior to 11/15/16. | | | | |
| SWPPP Sign | Misc/Other | Chandler Road | | Removed | |
| Current Condition: | Removed- due to the site nearing completion, the sign will not be reinstalled as of 9/26/16. | | | | |
| Inspector Signature: | <i>Bramon Steina</i> | | | Reviewed By: | <i>Robert J. Lane</i> |