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



Zachary A. Jilek, CPESC, CISEC

**Engineering Answers** 

| Environmental Services Dept.            |   |                               |                                  | Engineering Answers                |  |
|---|---|-------------------------------|----------------------------------|------------------------------------|--|
|   |   | E&A- P.2015.767               | .003                             |                                    |  |
| Inspector: Chase Wickard                | Tekamah Medical Clinic<br>CSW-201702196 |                               |                                  | Stage                              |  |
| Project Name:                           |   |                               |                                  | 2                                  |  |
| For Week Ending:                        |   | 4/28                          | /2018                            |                                    |  |
| Project Location:                       | Hw                                      | y 32 and K St Tek             | amah, NE (Burt County)           | 68061                              |  |
|   |   |                               |                                  |                                    |  |
| Grading:                                | 75%                                     |                               |                                  |                                    |  |
| Sanitary Sewer:                         | 0%                                      |                               |                                  |                                    |  |
| Storm Sewer:<br>Paving:                 | 0%                                      |                               |                                  |                                    |  |
| Seeding:                                | 0%                                      |                               |                                  |                                    |  |
| Utilities:                              | 0%                                      |                               |                                  |                                    |  |
| Overall Development:                    | 10%                                     |                               |                                  |                                    |  |
| RAIN FALL AMOUNTS                       | Amount in tenths                        | Date inspected                | Weather Conditions               |                                    |  |
|   |   |                               |                                  | Week                               |  |
| Sunday:                                 | 0.00"                                   |                               |                                  |                                    |  |
| Monday                                  | 0.00"                                   |                               |                                  |                                    |  |
| Tuesday                                 | 0.17"                                   |                               |                                  |                                    |  |
| Wednesday                               | 0.00"                                   | 04/18/18                      | 39/30 Snow                       |                                    |  |
| Thursday                                | 0.00"                                   |                               |                                  |                                    |  |
| Friday                                  | 0.00"                                   |                               |                                  |                                    |  |
| Saturday                                | 0.00"                                   |                               |                                  |                                    |  |
|   |   |                               |                                  | Week                               |  |
| Sunday:                                 | 0.00"                                   |                               |                                  |                                    |  |
| Monday                                  | 0.00"                                   |                               |                                  |                                    |  |
| Tuesday                                 | 0.07"                                   |                               |                                  |                                    |  |
| Wednesday                               | 0.02"                                   |                               |                                  |                                    |  |
| Thursday                                | 0.00"                                   |                               |                                  |                                    |  |
| Friday                                  | 0.00"                                   |                               |                                  |                                    |  |
| Saturday                                | 0.00"                                   |                               |                                  |                                    |  |
|   |   |                               |                                  | Week                               |  |
| Sunday:                                 | NA                                      |                               |                                  |                                    |  |
| Monday                                  | NA                                      |                               |                                  |                                    |  |
| Tuesday                                 | NA                                      |                               |                                  |                                    |  |
| Wednesday                               | NA                                      |                               |                                  |                                    |  |
| Thursday<br>- · ·                       | NA                                      |                               |                                  |                                    |  |
| Friday                                  | NA                                      |                               |                                  |                                    |  |
| Saturday                                | NA                                      |                               |                                  |                                    |  |
| Complaints:                             | None                                    | 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 | d disturbance in the last 14 days? |  |
| . ,,,                                   |   |                               |                                  |                                    |  |
| Grading began on the entire site        | (12/20/17)                              | T                             | 1                                |                                    |  |
| Which portion(s) (i.e. drainage basins) | of the site do not have grading,        | I<br>earthwork, or ground dis | turbance scheduled in the next 1 | 4 days? :                          |  |
| Grading began on the entire site        | (12/20/17)                              |                               |                                  |                                    |  |
|   |   |                               |                                  |                                    |  |
| What temporary or permanent stabiliza   | ation measures listed in this sect      | tion are being implement      | ed?                              | · '                                |  |

| Existing Vegetation (12/20/2012)               |                              |                              |                           |                        |         |
|--|------------------------------|------------------------------|---------------------------|------------------------|---------|
|  |                              |                              |                           |                        |         |
| SUMMARY QUESTIONS:                             |                              |                              |                           |                        |         |
| Are approved entrances and adjacent streets    | being maintained adequat     | tely?                        |                           |                        |         |
| No, See BMP section                            |                              |                              |                           |                        |         |
| Are receiving waters adjacent to the project t | ree of any significant signs | s of erosion or sediment tha | t would be associated wit | th the construction ac | tivity? |
| No, See findings section                       |                              |                              |                           |                        |         |
|  |                              |                              |                           |                        |         |
| CHECKLIST QUESTIONS:                           |                              |                              |                           |                        |         |
| Are waste materials (concrete, construction i  | naterial, hazardous, etc.) b | eing managed properly?       |                           |                        |         |
| Yes  |                              |                              |                           |                        |         |
| Is dust associated with the construction activ | vity adequately controlled o | on the site?                 |                           |                        |         |
| Yes  |                              |                              |                           |                        |         |
|  |                              |                              |                           |                        |         |
| 0  |                              | •                            | •                         | •                      | •       |

## Comments:

1. The site was inactive during the last inspection.

## Findings / Corrective Actions (Date):

## Findings / Corrective Actions (Date):

- Some maintenance is required in the BMP section.
   An existing outlet was not identified on the SWPPP but is present on site. The inspector has recommended McCarthy Grading install silt fence to filter the water before leaving the site to ensure silt does not migrate to the adjacent waterway.

|                    | T  | 1                          | Projected Install         |                      |                     |
|--------------------|--|----------------------------|---------------------------|----------------------|---------------------|
| Unique Name        | Type   | Location                   | Date                      | Status               | Maintenance         |
| oquo mao           | Construction   | North eastern side of      | 2 4.0                     |                      |                     |
| A1                 | Entrance   | site                       | 12/20/2017                | Active               | No                  |
| Current Condition: | Good Condition - 75%   | effective-McCarthy Buil    | ding added rock prior     | to the inspection or | n 3/24/18           |
|                    |  |                            |                           | ·                    |                     |
| B1                 | Silt Fence   | Northern Perimeter         | 12/20/2017                | Active               | No                  |
| Current Condition: | Good Condition - McC   | arthy Building Companie    | es installed the silt fen | ce prior to the insp | ection on 12/20/17. |
|                    |  | , 3-1                      |                           | <u>'</u>             |                     |
| B2                 | Silt Fence   | South of A1                | 12/20/2017                | Pending              | No                  |
| Current Condition: | Pending - The silt fend  | ce is currently not necess | sary. The inspector wi    | I continue to monit  | or.                 |
|                    |  | South western side of      |                           |                      |                     |
| В3                 | Silt Fence   | site                       | 12/20/2017                | Active               | No                  |
| Current Condition: | Good Condition - McCarthy Building Companies installed the silt fence prior to the inspection on 12/20/17.   |                            |                           |                      |                     |
|                    |  | 1                          |                           |                      |                     |
| B4                 | Silt Fence   | Southern Perimeter         | 12/20/2017                | Active               | No                  |
| Current Condition: | Good Condition - McCarthy Building Companies installed the silt fence prior to the inspection on 12/20/17.   |                            |                           |                      |                     |
|                    |  |                            |                           |                      |                     |
| B5                 | Silt Fence   | Eastern Perimeter          | 12/20/2017                | Active               | Yes                 |
| Current Condition: | Fair Condition -   |                            |                           |                      |                     |
|                    | The silt fence needs re-paired.  |                            |                           |                      |                     |
|                    | McCarthy Building Company was informed to complete by 3/13/18. Not done as of the last inspection.  McCarthy Building Company was reminded on 4/19/18. |                            |                           |                      |                     |
|                    |  |                            |                           |                      |                     |
|                    |  |                            |                           |                      |                     |
|                    |  |                            |                           |                      |                     |
|                    |  |                            |                           |                      |                     |
| B6                 | Silt Fence   | South East side of site    | 12/20/2017                | Active               | No                  |
| Current Condition: | Good Condition - McCarthy Building Companies installed the silt fence prior to the inspection on 12/20/17.   |                            |                           |                      |                     |
|                    |  | South eastern corner       |                           |                      |                     |
| В7                 | Silt Fence   | of site                    | 12/27/2017                | Pending              | Yes                 |

| Current Condition:   | Pending -  |  |            |              |        |  |  |
|----------------------|--|--|------------|--------------|--------|--|--|
|                      | The silt fence needs   | The silt fence needs installed around the existing outlet. |            |              |        |  |  |
|                      | McCarthy Building Companies was informed to complete by 12/27/17. McCarthy Building Company was reminded on 3/7/18, <b>4/19/18</b> . |  |            |              |        |  |  |
| STR                  | Streets  | Northern side of site                                      | 12/20/2017 | Active       | No     |  |  |
| Current Condition:   | Good Condition- No   | Good Condition- No major signs of track off.               |            |              |        |  |  |
| SWPPP Sign           | Misc./Other  | South of A1  | 1/3/2018   | Active       | No     |  |  |
| Current Condition:   | Good Condition - The inspector installed the sign during the 1/3/18 inspection.  |  |            |              |        |  |  |
| Inspector Signature: | Mane auland  |  |            | Reviewed By: | Set Su |  |  |