ENGINEERING ■ ARCHITECTURE ■ SURVEYING ■ PLANNING

Long Pine Creek Watershed Management Plan

General Project Schedule

Updated: *January 2014*

Dates and times subject to change - contingent upon funding availability and timely reviews by project particpants and agencies
Schedule does not include regular communication and periodic project updates between JEO and NRD Staff
Schedule may be updated periodically to reflect changes in schedule

Public Involvement and Stakeholder tasks/items denoted with a diamond (◆)

PREKICK OFF MEETING or PHONE CONFERENCE – February/March 2013

- Discuss project schedule
- Discuss general planning process
- ◆ Discuss Potential Participants (Finalized at Kickoff Meeting)
- ◆ Discuss Public Outreach/Community Engagement Plan (Public Open House, I&E needs, etc)
    - Potential location of meetings
    - Establish Website Information/Needs
    - Watershed Survey Ideas
    - Identify Local Press/Media Outlets

◆ ESTABLISHMENT OF STAKEHOLDER GROUP – February/March 2013

- Determined by Middle Niobrara NRD (MNNRD) with guidance from JEO
- List of names and contact information provided to JEO
- **Finalize group at kickoff meeting**

PROJECT KICKOFF ANNOUNCMENT – April 2013

- Provided after establishment of stakeholder group
- ◆ Create website/page for project (JEO to provide update materials throughout project)
- Letters to potential stakeholders
- ◆ Press Release to notify public about purpose of plan, planning process, and goals of the plan
    - Ainsworth Paper
    - Rock County Paper
    - Environmental Trust

BEGIN COMPILATION OF "DRAFT" PLAN –May 2013

- Collect all data from research/meeting input
- Communicate with stakeholder group as draft is established
- Watershed Resource Inventory
- Existing Pollutant Source ID and Modeling

KICK OFF MEETING – May 21, 2013

- Held with JEO, (MNNRD) Staff, and Potential Stakeholders
- Discuss project schedule/timeline, general planning process
- ◆ Discuss public involvement
- Set Plan Goals
- Identify data and GIS needs
- Request current practices and land treatment levels
- Finalize stakeholder and advisory groups – get contact info

BEGIN STREAM ASSESSMENT – October 2013

Details/Timing Pending LiDAR availability

- LiDAR and Desktop review – Sept/Oct
- Field Work – October/November
- Draft Report ready for review – Dec/Jan
- Final Report – Feb/March

CONDUCT WATERSHED RESOURCE INVENTORY – May to October 2013

- **JEO to provide first of two project fact sheets**
- Desktop Review Level
- Organization of GIS Database to be used throughout project
- Collection of available resource information
- Review of previous studies
- ◆ Draft Watershed Citizen Survey Methods/Questions

EXISTING POLLUTANT SOURCE IDENTIFICATION AND MODELING – October thru December 2013

- TMDL Assessment
- Pollutant Source Identification
- Conduct modeling of existing conditions

◆ **NOTIFICATION for ADVISORY GROUP MEETING #1 – December 2013** ◆

- Meeting date/time set through NRD
- JEO to provide meeting notifications (letters) to NRD to distribute to stakeholders
    - Mail 3 - 4 weeks before meeting

◆ **ADVISORY GROUP MEETING #1 – January 15, 2014** ◆

- Review findings of the Resource Inventory and Pollutant Modeling (Draft Plan)
- Establish Management Practices to be modeled
- Discuss other management practices
- Establish Priority Areas and Practices
- Identify Special Resource Areas
- ◆ Review and make final changes to watershed survey
- Set target date for Public Open House/Stakeholder Meeting #2
- Identify public to target for notifications

BEGIN COMPILATION OF "FINAL DRAFT" PLAN – January 2013

- Communicate with stakeholder group as draft is established
- Establish Monitoring and Adaptive Management Strategy
- Model Pollutant Load Reductions
- Establish Plan Implementation, Schedule, and Cost

◆ **DISTRIBUTE WATERSHED SURVEY –January 2013** ◆

- JEO to upload to Survey Monkey & Paper/PDF copy of survey provided to NRD
- JEO to provide press release/letters to NRD for distribution notifying public/land owners about survey
- Survey results due by February 21st, 2014

◆ **WATERSHED SURVEY REMINDER – February 2014** ◆

- JEO to provide reminder materials to be distributed by NRD (if needed)

EXTERNAL QA/QC OF WATERSHED PLAN – February/March 2014

- External Review of Plan
- JEO to review and address recommended changes

◆ **NOTIFICATION for ADVISORY GROUP MEETING #2 & PUBLIC OPEN HOUSE – March/April 2014** ◆

- Meeting date/time set through NRD
- JEO to provide meeting notifications (letters) to NRD to distribute to stakeholders
  - Mail 3 - 4 weeks before meeting
- JEO to provide copy of "Final Draft" of plan to NRD to distribute to stakeholders
  - Provide 3 - 4 weeks before meeting
- JEO to provide press releases and flyers to NRD to post or publish
  - Posted/Published 4 weeks before meeting
  - Re-Posted/Published 2 weeks before meeting

ADVISORY GROUP MEETING #2 & PUBLIC OPEN HOUSE – April/May 2014

- Review Draft Plan
- Review findings of stream assessment
- Discuss potential Sand Draw restoration alternatives
- Collect comments from stakeholders and public
- ◆ Review results of watershed survey
- ◆ Discuss plan for Public Open House

◆ **NOTIFICATION for PUBLIC OPEN HOUSE – April/May 2014** ◆

- Finalize date/time/location through NRD
- NRD to send Press Release 3-4 weeks before meeting (JEO provided draft)
- NRD to Post or Share flyers/posters 3-4 weeks before open house (JEO provided draft)
- JEO to provide copy of "Public Review Draft" of plan to NRD to distribute to stakeholders
- NRD to send meeting notification/reminder letters to stakeholders 2 weeks before meeting (JEO provided draft)

◆ **PUBLIC OPEN HOUSE – May/June 2014** ◆

- **JEO to provide second of two project fact sheets**
- Final format to be set at Stakeholder #2 Meeting, possibilities include:
    - Powerpoint presentation (15 minutes long – given twice)
    - Summary Boards displayed throughout facility
    - Large format watershed map displayed

SUBMIT WATERSHED PLAN TO NDEQ –May/June 2014

- Review comments and Complete final changes to plan
- Submit Plan to NDEQ

BEGIN RESTORATION PLAN – April 2014

Details/Timing Pending LiDAR availability and Stream Assessment

- Field work – April
- Analysis of field work – May
- H&H modeling –May thru June
- Alternative Plan development – June
- Meeting/Draft Report – July
- Finalize Report- September

◆ **NOTIFICATION for ADVISORY GROUP MEETING #3 – July 2014** ◆

- Meeting date/time set through NRD
- JEO to provide meeting notifications (letters) to NRD to distribute to stakeholders
    - Mail 3 - 4 weeks before meeting

SUBMIT WATERSHED PLAN TO EPA – May 2014
Dependent on NDEQ Review

- Review NDEQ comments and Complete final changes to plan
- Submit Plan to EPA for Review

◆ **ADVISORY GROUP MEETING #3 – August 2014** ◆

- Status update of watershed plan
- Review of stream restoration plan
- Discuss restoration alternatives
- Establish a plan to implement stream restoration

PROJECT CLOSEOUT – September/October 2014
Dependent on EPA Review

- Finalize any changes needed to watershed plan
- Finalize any changes needed to restoration plan
- Submit final deliverables to Middle Niobrara NRD