

## CHECKLIST ENVIRONMENTAL ASSESSMENT

<b>Project Name:</b>	Lippert Water Improvement #4
<b>Proposed Implementation Date:</b>	May 1, 2017
<b>Proponent:</b>	Lippert Grain and Cattle, Josh and Alan Lippert
<b>Location:</b>	T26N, R5E, S36
<b>County:</b>	Choteau

### I. TYPE AND PURPOSE OF ACTION

To construct a new gravity fed water line, adjacent to a previously existing water line, starting in the northwest corner of T26N, R5E, Section 36 and running for a distance of 2,238 feet terminating at the Lipperts "thermosink" waterer currently in place in the NW ¼ of section 36. The water line will be "ripped" in with a large ripper shank on a dozer possibly towed by other large implements as well. No excavation or backfill of open ditch is required, "ripping" is the least invasive of construction options for a project of this kind.

### II. PROJECT DEVELOPMENT

**1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:**

MT DNRC, Josh and Alan Lippert of Lippert Grain and Cattle.

**2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:**

None

**3. ALTERNATIVES CONSIDERED:**

"No action" alternative.

The alternative to install the proposed water line down to the "thermosink" waterer.

### III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" if no impacts are identified or the resource is not present.*

**4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:**

[N] There are no unusual geologic features present. Silty soils are present.

**5. WATER QUALITY, QUANTITY AND DISTRIBUTION:**

[N] There is little potential for water degradation with the proposed project.

**6. AIR QUALITY:**

[N] Pollutants and particulates will not be produced.

---

**7. VEGETATION COVER, QUANTITY AND QUALITY:**

[N] There are no rare plants or cover types present. Minimal vegetative destruction will take place.

---

**8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:**

[N] There is some use but it is not substantial.

---

**9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:**

[N] There are no species of special concern associated with this tract.

---

**10. HISTORICAL AND ARCHAEOLOGICAL SITES:**

[N] A Class I (literature review) level review was conducted. This entailed inspection the DNRC's sites/site leads database, land use records, General Land Office maps, and control cards for potential cultural resources in the proposed project area. A search of the State Historic Preservation Office's (SHPO) Cultural Resource Information System (CRIS) and Cultural Resource Annotated Bibliography System (CRABS) was also requested. That series of searches indicated that no paleontological resources have been identified, but an unknown number of undocumented tipi ring-size stone circles are outside the area of potential effect. No additional archaeological work is recommended, and the proposed development should result in No Effect to state owned heritage properties.

---

**11. AESTHETICS:**

[N] This project is in a remote area, the water line will be buried and not visible.

---

**12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:**

[Y] Water is limited in this area. The water for this project will originate from deeded land adjacent to this section.

---

**13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:**

[N] None

---

<b>IV. IMPACTS ON THE HUMAN POPULATION</b>
<ul style="list-style-type: none"><li>• <i>RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.</i></li><li>• <i>Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.</i></li><li>• <i>Enter "NONE" if no impacts are identified or the resource is not present.</i></li></ul>

---

**14. HUMAN HEALTH AND SAFETY:**

[N] This project will not affect human health or safety.

---

**15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:**

[Y] This project will improve livestock production and in turn affect agriculture.

---

---

**16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:**

[N] New jobs will not be created.

---

**17. LOCAL AND STATE TAX BASE AND TAX REVENUES:**

[N] There will be no effect upon the tax base.

---

**18. DEMAND FOR GOVERNMENT SERVICES:**

[N] Substantial traffic will not be added. Other services will not be required.

---

**19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:**

[N] None

---

**20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:**

[Y] There are some recreational opportunities within this tract for hunting.

---

**21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:**

[N] Additional housing will not be required.

---

**22. SOCIAL STRUCTURES AND MORES:**

[N] Disruption is not likely.

---

**23. CULTURAL UNIQUENESS AND DIVERSITY:**

[N] There should be no shift.

---

**24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:**

[N] None

---

<b>EA Checklist Prepared By:</b>	<b>Name:</b> Richard V. Denning, Land Use Specialist, DNRC Northeast Land Office
	<b>Signature:</b> /S/ <b>Date:</b> 3-30-17

---

**V. FINDING**

---

**25. ALTERNATIVE SELECTED:** The alternative to install the water line.

---

**26. SIGNIFICANCE OF POTENTIAL IMPACTS:** Minimal negative impacts are expected with this proposal. Positive impacts should prevail for livestock and wildlife.

---

**27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:**

EIS

More Detailed EA

No Further Analysis

<b>EA Checklist Approved By:</b>	<b>Name:</b> Barny D. Smith
	<b>Title:</b> Lewistown Unit Manager, DNRC Northeast Land Office
<b>Signature:</b> /S/	<b>Date:</b> 3-30-17