

Montana Department of Natural Resources and Conservation
Water Resources Division
Water Rights Bureau

ENVIRONMENTAL ASSESSMENT
For Routine Actions with Limited Environmental Impact

Part I. Proposed Action Description

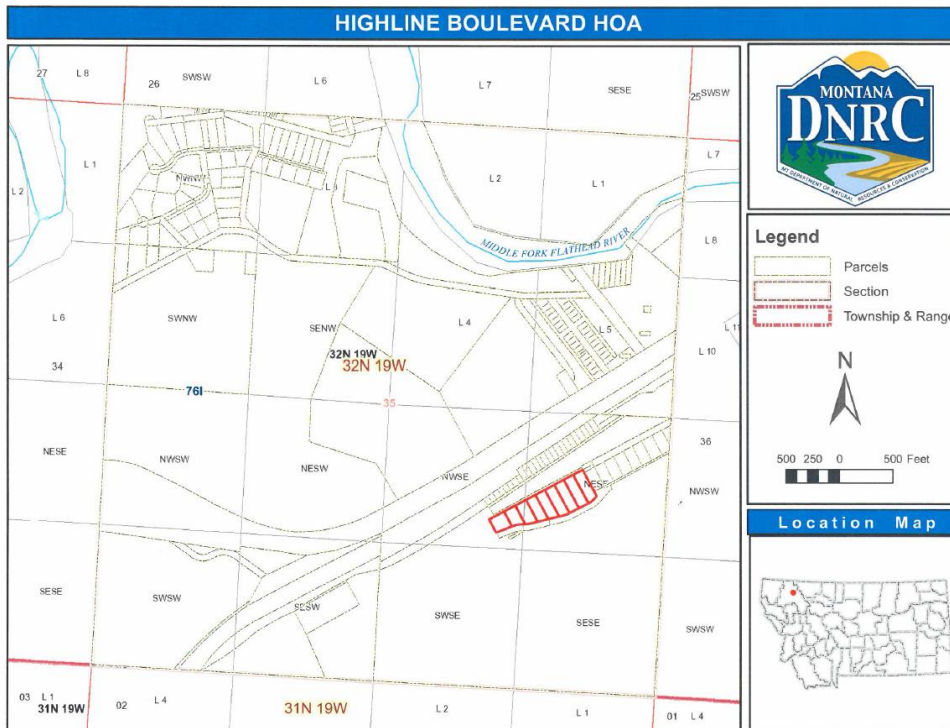
1. Applicant/Contact name and address:

Highline Boulevard Homeowners Association
PO Box 31
West Glacier, MT 59936

2. Type of action: Permit to Appropriate Water 76I-30119173

3. Water source name: Groundwater

4. Location affected by project: N2SE, Section 35, Township 32N, Range 19W, Flathead County, MT.



5. Narrative summary of the proposed project, purpose, action to be taken, and benefits:

This application is to obtain a water use permit for a well located in the Glacier National Park Compact Area in the above-described location. The applicant proposes to divert water at a rate of 35 GPM up to

6.95 acre-feet per year. The proposed use is for multiple domestic use from January 1 to December 31 and lawn and garden irrigation April 1-October 31.

6. Agencies consulted during preparation of the Environmental Assessment:
(include agencies with overlapping jurisdiction)

The National Park Service is being notified per compact requirement.
Montana Historical Society
Montana Natural Heritage Program

Part II. Environmental Review

1. Environmental Impact Checklist:

PHYSICAL ENVIRONMENT

WATER QUANTITY, QUALITY AND DISTRIBUTION

Water quantity - Assess whether the source of supply is identified as a chronically or periodically dewatered stream by DFWP. Assess whether the proposed use will worsen the already dewatered condition.

Determination: The source aquifer is hydraulically connected to the Middle Fork of the Flathead River. This section of the River is not chronically or periodically dewatered.

Water quality - Assess whether the stream is listed as water quality impaired or threatened by DEQ, and whether the proposed project will affect water quality.

Determination: The source aquifer is hydraulically connected to the Middle Fork of the Flathead River. According to MDEQ this section of the River has insufficient or no data available to determine whether or not any beneficial use it attained.

Groundwater - Assess if the proposed project impacts ground water quality or supply. If this is a groundwater appropriation, assess if it could impact adjacent surface water flows.

Determination: The Applicant will derive water from a well at a rate of 35 GPM up to 6.95 AF annually. The source aquifer is hydraulically connected to the Middle Fork of the Flathead River. Modeling by the US National Park Service shows a depletion of 0.695 AF/year to the river.

DIVERSION WORKS - Assess whether the means of diversion, construction and operation of the appropriation works of the proposed project will impact any of the following: channel impacts, flow modifications, barriers, riparian areas, dams, well construction.

Determination: No significant impacts have been noted.

UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES

Endangered and threatened species - Assess whether the proposed project will impact any threatened or endangered fish, wildlife, plants or aquatic species or any "species of special concern," or create a barrier to the migration or movement of fish or wildlife. For groundwater, assess whether the proposed project, including

impacts on adjacent surface flows, would impact any threatened or endangered species or “species of special concern.”

Within Township 32N, Range 19W the Wolverine, Fisher, Canada Lynx, Common Loon, Harlequin Duck, Black-backed Woodpecker, Bull Trout, Westslope Cutthroat Trout, Treelike Clubmoss, and Pale Corydalis are listed as either threatened or sensitive. Development has existed in this area for over 60 years. Any impacts to existing vegetation, animals, and fish will be within the range of current disturbances.

Determination: No impact

Wetlands - *Consult and assess whether the apparent wetland is a functional wetland (according to COE definitions), and whether the wetland resource would be impacted.*

Determination: There are no wetlands in the area of this project.

Ponds - *For ponds, consult and assess whether existing wildlife, waterfowl, or fisheries resources would be impacted.*

Determination: Not applicable, the project does not involve a pond.

GEOLOGY/SOIL QUALITY, STABILITY AND MOISTURE - *Assess whether there will be degradation of soil quality, alteration of soil stability, or moisture content. Assess whether the soils are heavy in salts that could cause saline seep.*

The geology/soil within the area of the project are a result of glaciation. Silt loam and extremely gravelly loam make up the outwash terraces. Soils are not susceptible to saline seep.

Determination: No impact.

VEGETATION COVER, QUANTITY AND QUALITY/NOXIOUS WEEDS - *Assess impacts to existing vegetative cover. Assess whether the proposed project would result in the establishment or spread of noxious weeds.*

Determination: Development has existed in this area for over 50 years; the land use will not change so no impact is anticipated.

AIR QUALITY - *Assess whether there will be a deterioration of air quality or adverse effects on vegetation due to increased air pollutants.*

Determination: No impact.

HISTORICAL AND ARCHEOLOGICAL SITES - *Assess whether there will be degradation of unique archeological or historical sites in the vicinity of the proposed project.*

Determination: There will be no impact. Development has existed in this area for over 50 years.

DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AND ENERGY - *Assess any other impacts on environmental resources of land, water and energy not already addressed.*

Determination: None

HUMAN ENVIRONMENT

LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS - Assess whether the proposed project is inconsistent with any locally adopted environmental plans and goals.

Determination: The project is consistent with planned land use.

ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES - Assess whether the proposed project will impact access to or the quality of recreational and wilderness activities.

Determination: The spring is on private property. It will not impact recreation or effect wilderness activities.

HUMAN HEALTH - Assess whether the proposed project impacts on human health.

Determination: No impact.

PRIVATE PROPERTY - Assess whether there are any government regulatory impacts on private property rights. Yes ___ No X__ If yes, analyze any alternatives considered that could reduce, minimize, or eliminate the regulation of private property rights.

Determination: No impact.

OTHER HUMAN ENVIRONMENTAL ISSUES - For routine actions of limited environmental impact, the following may be addressed in a checklist fashion.

Impacts on:

- (a) Cultural uniqueness and diversity? No
- (b) Local and state tax base and tax revenues? Increase in tax base based on developed property.
- (c) Existing land uses? No
- (d) Quantity and distribution of employment? No
- (e) Distribution and density of population and housing? No
- (f) Demands for government services? No
- (g) Industrial and commercial activity? No
- (h) Utilities? No
- (i) Transportation? No
- (j) Safety? No
- (k) Other appropriate social and economic circumstances? No

2. ***Secondary and cumulative impacts on the physical environment and human population:***

Secondary Impacts: None

Cumulative Impacts: None

3. *Describe any mitigation/stipulation measures:* None
4. *Description and analysis of reasonable alternatives to the proposed action, including the no action alternative, if an alternative is reasonably available and prudent to consider:*

PART III. Conclusion

1. *Preferred Alternative:* As proposed
2. *Comments and Responses:* None
3. *Finding:*

*Yes*___ *No* **X** *Based on the significance criteria evaluated in this EA, is an EIS required?*

If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action: No significant impacts have been identified; therefore, no EIS is necessary.

Name of person(s) responsible for preparation of EA:

Name: Melissa Brickl

Title: Hydrologist/Water Resources Specialist

Date: September 13, 2018