For 2010-05 thru 2010-07

Attachment A, WTWG checklists

Northland Resources Projects Applications for Water Rights

The following six applications for water rights have been filed with the Department of Ecology. The quantity of water consumptively used under the water rights will be mitigated with the pre-1905 priority water rights that are placed in the state Water Rights Trust Program and therefore managed as out of priority water rights. The trusted water rights will serve to mitigate for impairment to existing water rights, including instream flow rights and for impacts to “total water supply available” as required under WAC 173-539A-060(4). A portion of the trusted water rights will be stored as mitigation for impacts in the non-irrigation season.

G4-35245 - City Heights

The City Heights development is expected to receive water supply from the City of Cle Elum under the City’s water rights. This water right is to be assigned to the City in consideration of the City providing water for 875 equivalent residential units (ERUs) as provide in the City’s water policy City ordinance No. 1294. Northland will assign this water right to the City to offset increased demand on the City’s supply. The right would withdraw water from the either an onsite well or from the City of Cle Elum current authorized sources.

Total use was estimated based on an average daily demand of 274 gallons per day (gpd) per ERU. The average daily demand includes 150 gpd per ERU for indoor use and 124 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September. Wastewater will be discharged to the City’s municipal sewer treatment system. Estimated total annual and consumptive water use quantities for this project are 269 and 139 acre-feet per year, respectively.

Consumptive use was estimated based on a 20 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).

G4-35246 - Fircrest, Tillman, and Tillman Heights

This project will include 27 equivalent residential units (ERUs) with water supplied by an onsite well and wastewater discharged to individual septic systems or an onsite engineered community drain field. Estimated total annual and consumptive water use quantities for this project are 9.1 and 5 acre-feet per year, respectively.

Total use was estimated based on an average daily demand of 300 gallons per day (gpd) per ERU. The average daily demand includes 175 gpd per ERU for indoor use and 125 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September.
Consumptive use was estimated based on a 30 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).

**G4-35248 - Forest Ridge**

This project will include 190 equivalent residential units (ERUs) with water supplied by an onsite well and wastewater discharged to individual septic systems or an onsite engineered community drain field. Estimated total annual and consumptive water use quantities for this project are 63.7 and 35 acre-feet per year, respectively.

Total use was estimated based on an average daily demand of 300 gallons per day (gpd) per ERU. The average daily demand includes 175 gpd per ERU for indoor use and 125 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September.

Consumptive use was estimated based on a 30 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).

**G4-35250 - Woods and Steele**

This project will include 65 equivalent residential units (ERUs) with water supplied by an onsite well and wastewater discharged to individual septic systems or an onsite engineered community drain field. Estimated total annual and consumptive water use quantities for this project are 21.8 and 12 acre-feet per year, respectively.

Total use was estimated based on an average daily demand of 300 gallons per day (gpd) per ERU. The average daily demand includes 175 gpd per ERU for indoor use and 125 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September.

Consumptive use was estimated based on a 30 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).

**G4-35247 - Flatwater**

This project will include 26 equivalent residential units (ERUs) with water supplied by an onsite well and wastewater discharged to individual septic systems or an onsite engineered community drain field. Estimated total annual and consumptive water use quantities for this project are 8.7 and 4.8 acre-feet per year, respectively.

Total use was estimated based on an average daily demand of 300 gallons per day (gpd) per ERU. The average daily demand includes 175 gpd per ERU for indoor use and 125 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September.
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Consumptive use was estimated based on a 30 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).

**G4-35251 - Meadow Springs**

This project will include 95 equivalent residential units (ERUs) with water supplied by an onsite well and wastewater discharged to individual septic systems or an onsite engineered community drain field. Estimated total annual and consumptive water use quantities for this project are 31.8 and 17.5 acre-feet per year, respectively.

Total use was estimated based on an average daily demand of 300 gallons per day (gpd) per ERU. The average daily demand includes 175 gpd per ERU for indoor use and 125 gpd per ERU for outdoor use (e.g., lawn and landscape watering). The outdoor use assumes no use from October through May, and use of between 270 and 540 gpd per ERU from June through September.

Consumptive use was estimated based on a 30 percent consumptive use rate for indoor use and a 90 percent consumptive use rate for outdoor use. These consumptive percentages are consistent with the Upper Kittitas Emergency Groundwater Rule (Chapter 173-539A WAC).