

Special Environmental Considerations

Discharges to Water Quality Impaired Waters

- Jordan River discharge
 - Regulated through phase 2 stormwater permit for Draper City

The permittee “must determine whether storm water discharge from any part of the MS4 contributes to a 303(d) listed (i.e. impaired) waterbody.” (Small MS4 General UPDES Permit 3.1.1.1) The 303(d) list of impaired waterbodies is found at:

<http://www.waterquality.utah.gov/TMDL/index.htm>

Threatened or Endangered Species

Utah has 43 threatened and endangered plant and animal species.

Animals -- 21

<u>Status</u>	<u>Listing</u>
E	Ambersnail, Kanab (<i>Oxyloma haydeni kanabensis</i>)
E	Chub, bonytail (<i>Gila elegans</i>)
E	Chub, humpback (<i>Gila cypha</i>)
E	Chub, Virgin River (<i>Gila robusta seminuda</i>)
E	Crane, whooping (except where XN) (<i>Grus americana</i>)
XN	Crane, whooping [XN] (<i>Grus americana</i>)
T	Eagle, bald (lower 48 States) (<i>Haliaeetus leucocephalus</i>)
E	Ferret, black-footed (except where XN) (<i>Mustela nigripes</i>)
XN	Ferret, black-footed [XN] (<i>Mustela nigripes</i>)
E	Flycatcher, southwestern willow (<i>Empidonax traillii extimus</i>)
T	Lynx, Canada (lower 48 States) (<i>Lynx canadensis</i>)
T	Owl, Mexican spotted (<i>Strix occidentalis lucida</i>)
E	Pikeminnow, Colorado (except Salt and Verde R. drainages, AZ) (<i>Ptychocheilus lucius</i>)
T	Prairie dog, Utah (<i>Cynomys parvidens</i>)
E	Snail, Utah valvata (<i>Valvata utahensis</i>)
E	Sucker, June (<i>Chasmistes liorus</i>)
E	Sucker, razorback (<i>Xyrauchen texanus</i>)
T(S/A)	Tortoise, desert (outside/taken from Sonoran Desert) (<i>Gopherus agassizii</i>)
T	Tortoise, desert (U.S.A., except in Sonoran Desert) (<i>Gopherus agassizii</i>)

- T Trout, Lahontan cutthroat (*Oncorhynchus clarki henshawi*)
 E Woundfin (except Gila R. drainage, AZ, NM) (*Plagopterus argentissimus*)

Plants -- 22

<u>Status</u>	<u>Listing</u>
E	Bear-poppy, dwarf (<i><u>Arctomecon humilis</u></i>)
T	Milkweed, Welsh's (<i><u>Asclepias welshii</u></i>)
T	Milk-vetch, Deseret (<i><u>Astragalus desereticus</u></i>)
T	Milk-vetch, heliotrope (<i><u>Astragalus montii</u></i>)
T	Sedge, Navajo (<i><u>Carex specuicola</u></i>)
T	Cycladenia, Jones (<i><u>Cycladenia humilis jonesii</u></i>)
T	Daisy, Maguire (<i><u>Erigeron maguirei</u></i>)
E	Ridge-cress, Barneby (<i><u>Lepidium barnebyanum</u></i>)
E	Bladderpod, kodachrome (<i><u>Lesquerella tumulosa</u></i>)
E	Cactus, San Rafael (<i><u>Pediocactus despainii</u></i>)
T	Cactus, Siler pincushion (<i><u>Pediocactus sileri</u></i>)
T	Cactus, Winkler (<i><u>Pediocactus winkleri</u></i>)
E	Phacelia, clay (<i><u>Phacelia argillacea</u></i>)
T	Primrose, Maguire (<i><u>Primula maguirei</u></i>)
E	Buttercup, autumn (<i><u>Ranunculus acriformis aestivalis</u></i>)
T	Reed-mustard, clay (<i><u>Schoenocrambe argillacea</u></i>)
E	Reed-mustard, Barneby (<i><u>Schoenocrambe barnebyi</u></i>)
E	Cress, toad-flax (<i><u>Schoenocrambe suffrutescens</u></i>)
T	Cactus, Unita Basin hookless (<i><u>Sclerocactus glaucus</u></i>)
E	Cactus, Wright fishhook (<i><u>Sclerocactus wrightiae</u></i>)
T	Ladies'-tresses, Ute (<i><u>Spiranthes diluvialis</u></i>)
T	Townsendia, Last Chance (<i><u>Townsendia aprica</u></i>)

Any species in the above list that are found in Draper will be listed below if/when found:

Where applicable, compliance efforts to this law shall be reflected in the SWMP document. (Small MS4 General UPDES Permit 3.2) The following web sites are helpful in determining the status of any species of interest.

<http://wildlife.utah.gov/habitat/pdf/endgspec.pdf>.

<http://www.fws.gov/endangered/>

Historic Properties

Where applicable, compliance efforts to this law shall be reflected in the SWMP document. (Small MS4 General UPDES Permit 3.2) Web sites include the following, along with possible county and city listings:

http://history.utah.gov/historic_buildings/index.html