



§401 Water Quality Certification Application

Section 1: Applicant Information		
Applicant Name: Tim Gribben	Company: US Magnesium	
Position: Process Control Manager	Email: TGribben@usmagnesium.com	
Mailing Address: 238 North 2200 West	Phone: 801-532-1522 ext 1207	
City: Salt Lake City	State: UT	Zipcode: 84116
Applicant Signature: <i>Tim Gribben</i>	Date: 8/30/2022	

A corporate application must be signed by an officer of the corporation. Any signature required for this application for Certification shall be provided as described in 40 CFR Section 122.22(a);

Section 2: Additional Contact		
Contact Name: Bill Pope	Company: HDR	
Position: Water Resources Engineer	Email: William.pope@hdrinc.com	
Mailing Address: 2825 East Cottonwood Parkway Suite 200	Phone: 801-743-7821	
City: Salt Lake City	State: UT	Zipcode: 84121

Section 3: Project Location/ Information	
Project Name: US Magnesium Canal Continuation Project	County:
Nearest City:	USGS Quadrangle:
Street Address (if applicable): Great Salt Lake – Street Address Not Applicable	
Latitude (dd.ddddd): 40.951716	Longitude (-ddd.ddddd): -112.514961
Estimated State Date: October 15, 2022	Estimated End Date: April 15, 2023

Section 4: Other Permits (Federal, State, or Local)
1. Does this project require a USACE 404 Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if No, you do not need to answer 2).
2. Have you applied for a USACE 404 Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, provide details below, Section 4B).
3. Have you applied for, received, or been denied a permit from the Utah Department of Natural Resources (DNR)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If Yes, Provide details below, Section 4B).
4. Have you applied for, received, or been denied and other Federal, State, or Local permits, variances, licenses or certifications for this project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If Yes, Provide details below, Section 4B).

Section 4B: Other Permit Details (If Applicable)			
Agency	Permit Name	Permit No.	Status
United States Corps of Engineers (USACE)	US Magnesium Canal Continuation Project	SPK-2008-01773	Submitted to USACE – Public Review Period in Process

Section 5: Impacted Resources		
Surface Water Name: Great Salt Lake – South Arm (P-0 Intake Facility)-no effluent discharge, placement of excavated materials		
Discharge Location		Beneficial Use Classification (s):
Lat.	40.95656944	Gilbert Bay open water below 4208 ft – 5A
Long.	-112.68992778	Impairments & TMDLs: None Identified
Surface Water Name: Great Salt Lake – South Arm (P-North Intake Facility)- no effluent discharge, placement of excavated materials		
Discharge Location		Beneficial Use Classification (s):
Lat.	40.93010278	Gilbert Bay open water below 4208 ft – 5A
Long.	-112.52318056	Impairments & TMDLs: None Identified
Surface Water Name: Not Applicable		
Discharge Location		Beneficial Use Classification (s):
Lat.		
Long.		Impairments & TMDLs:

Section 6 Drawings/Plan Requirements	Attached	
	Yes	No
1. Map with plan/aerial/overhead view of the project site showing the existing conditions and proposed construction, discharge locations, associated waterbodies, including delineated wetlands. Must contain a north arrow, scale, & property boundaries. Please provide 8 ½ by 11 inch plan sheets.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Cross section views of areas of fill or alteration of streams and other water(s).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Elevation plan of all existing and proposed structures.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section 7: Other Required Attachments	Attached	
	Yes	No
1. Description of the overall project purpose, including construction and operation of facilities which may result in discharge. Characterize of the physical, chemical, biological, thermal, and other pertinent properties of the discharge.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Description of how the discharge(s) are compliant with water quality standards, including antidegradation requirements, beneficial uses, and narrative standards and numeric criteria.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Description of methods and means being used or proposed to monitor the quality and characteristics of the discharge(s) and the operation of the equipment or facilities employed in control of the proposed discharge. Provide a map showing the locations(s) of the monitoring point(s).	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Any supporting documentation submitted to federal agencies (e.g. maps, plans, copies of application, biological and engineering studies, reference information in FERC filings, Environmental Assessments or Impact Statements, Alternative Analysis, Proposed Mitigation, photos of features to be impacted)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. An exhibit that identifies and describes other requirements of State Law applicable to the activity that have any relationship to water quality, including requirements under WQA Section 19-5-114 (Spills or other discharges of oil or other substances), Section R317-2-12 (Category 1 & Category 2 waters), Section R317-2-3 (Antidegradation Policy), UPDES Stormwater GP for Construction Activities or UPDES GP for Construction Dewatering.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. List of names and addresses of landowners adjacent to the project site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Additional information regarding unique features of the project.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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‘The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief’; and

‘The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.’