



PROPOSED MINING WETLAND IMPACTS											
YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		YEAR 6	
ID	AREA (AC)	ID	AREA (AC)	ID	AREA (AC)	ID	AREA (AC)	ID	AREA (AC)	ID	AREA (AC)
WA ¹	4.947	WH ¹	0.084	WN ¹	3.619	WU ¹	15.485	WAB ¹	27.497	WAH	0.376
WB ¹	9.588	WI ¹	20.476	WO ¹	1.285	WV	11.088	WAC	21.851	WAI	3.992
WC	19.152	WJ	1.419	WP ¹	0.530	WW	6.936	WAD	8.927	WAJ	19.691
WD	25.132	WK	0.081	WQ	0.507	WX	12.960	WAE	1.116		
WE	3.945	WL	21.134	WR	46.530	WY	10.171	WAF	24.490		
WF	15.090	WM	47.133	WS	29.754	WZ	13.915	WAG	1.002		
WG	0.756			WT	1.135	WAA	21.317				
											TOTAL = 453.111± AC

¹ Wetland area is located on the TIAA property tract.

SITE LEGEND

Proposed Mining Area (898± AC)	Year 1 (78.610± AC Impacts)	Year 4 (91.872± AC Impacts)
Proposed Permit Area (1,041.7± AC)	Year 2 (90.327± AC Impacts)	Year 5 (84.883± AC Impacts)
USACE Verified Wetland	Year 3 (83.360± AC Impacts)	Year 6 (24.059± AC Impacts)
USACE Verified Stream		
Proposed Plant Site Plan		

0 1,500 Feet

PROPOSED STREAM IMPACTS

ID	LENGTH (FT)	AREA (AC)
SA	297	0.020
SB	115	0.008
TOTAL = 412± LF, 0.028± AC		

NOTE: All streams are verified as intermittent.

PROPOSED INFRASTRUCTURE WETLAND IMPACTS

ID	AREA (AC)	ID	AREA (AC)	ID	AREA (AC)
1 ^a	0.330	7	4.176	13	0.920
2 ^a	0.359	8	2.184	14	2.378
3 ^a	0.776	9	5.027	15	3.450
4 ^a	0.037	10	0.225	16	2.438
5	0.060	11	1.367	17	0.869
6	0.618	12	0.041	18	0.093
TOTAL = 25.348± AC					

^a Wetland area located on TIAA property tract.



FIGURE 75: PROPOSED PROJECT AQUATIC FEATURE IMPACT AREAS MAP
TWIN PINES MINERALS
 ST. GEORGE, CHARLTON COUNTY, GEORGIA
 BASEMAP: DigitalGlobe, 3/24/2018 (0.46 m Resolution).

DRAWN BY: DEK
 CHECKED BY: CMS
 DRAWING DATE: 2/28/2020
 REVISION DATE: 4/1/2020
 TTL JOB NO.: 000180200804.00
 APPROX. SCALE: 1 in = 1,500 ft