



# GA EPD Public Meeting

**The meeting will start soon....**

- We will be using the name you registered with to find your name. Please update your zoom screen name if it does not match your registered name.
- The co-host will unmute and call on participants who have registered to comment.
- If time allows, participants who did not register to speak will be given the opportunity to do so. Please raise your hand and names will be called. For participants using a telephone, please press \* 9 to raise your hand.
- Please limit your comments to **2 minutes**.
- EPD will be listening and recording comments during this meeting.
- EPD will respond to comments in writing.
- EPD will be receiving comments but will not be answering questions.
- Please send written comments to [TwinPines.Comment@dnr.ga.gov](mailto:TwinPines.Comment@dnr.ga.gov).



**GEORGIA**  
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

PUBLIC MEETING

TWIN PINES MINERALS, LLC

DRAFT PERMITS

**March 5, 2024**



# INTRODUCTION

Twin Pines Minerals, LLC submitted permit applications to the Georgia Environmental Protection Division (EPD) proposing a demonstration project for mining heavy minerals sands near St. George, Charlton County, Georgia. These permits, for ground water withdrawal, air quality, and surface mining, are typical for any surface mine.

On February 9, 2024, Georgia EPD initially placed the draft permits on a 30-day public notice to solicit public comment. After receiving multiple requests to extend the comment period, EPD has extended the public comment period to 60 days. These draft permits can be found on the EPD website. This virtual public meeting is being held today, March 5, 2024, to receive oral comments on these documents. Written comments will also be accepted at [TwinPines.Comment@dnr.ga.gov](mailto:TwinPines.Comment@dnr.ga.gov).



# Description of Operation For Each Draft Permit:

- **Air Permit**

- To construct and operate a new mineral sands processing plant to produce mineral concentrates of titanium, staurolite, and zircon. Air emissions equipment at the plant will include three indirect-fired propane rotary dryers and two electrically heated feed reheaters with two wet scrubbers and baghouses for controlling air emissions. The facility will be a true minor source in accordance with the Georgia Air Quality Act O.C.G.A. § 12-9-1 et. Seq.

- **Groundwater Withdrawal Permit**

- To withdraw, obtain, or utilize maximum system wide total of groundwater in the amount of 1.44 million gallons per day from the Floridan Aquifer. The purpose of consumptive use is to process water for surface mining of mineral sands in accordance with the O.C.G.A. § 12-5-90 et. Seq. Groundwater Use Act and the Rules for Groundwater Use Chapter 391-3-2.

- **Surface Mining Permit**

- To conduct mining operations to mine heavy mineral sands in Charlton County. The permit is conditioned upon the reviewed MLUP that details the mine operation in accordance with the O.C.G.A. § 12-4-72 Surface Mining Act and the Rules for Surface Mining 391-3-3.



## PURPOSE OF MEETING

The purpose of this meeting is to receive oral comments on the drafts permits. Please note that we will not be answering questions at this time in order to maximize the time to receive comments. All oral and written comments received during the comment period will be considered by EPD as it makes a final decision on the draft permits. EPD may request the applicant make changes to address comments received. EPD response to comments and finalization of the draft permits can take anywhere from several days to several months to complete, depending on the number and complexity of the comments received. EPD will post a response to comments on the EPD website after the official comment period closes.



# SCHEDULE FOR TWIN PINES MINERALS

## Draft Permits

- Public Notice: February 9, 2024
- Public Meeting: March 5, 2024
- End of Public Notice: April 9, 2024



# COMMENT – DRAFT PERMITS

- Participants that registered to speak will be unmuted and called upon. You will be given 10 seconds to begin speaking.
- Please ensure your screen name in zoom matches your registered name so we may find you easily.
- On the next slide, the first 100 attendees that registered to speak will be listed. Please look for your name so you can be prepared to speak once your name has been called. The remaining registered speakers will be listed on a separate slide and will be shown after the last name has been called on the first registered speaker name slide.
- Please limit comments to **2 minutes**.
- If time allows, participants that did not register to speak may raise their hands. Names will be called in order that hands are raised. For participants using a telephone, please press \* 9 to raise your hand.
- Written comments: [TwinPines.Comment@dnr.ga.gov](mailto:TwinPines.Comment@dnr.ga.gov)



# ATTENDEES WHO REGISTERED TO SPEAK

1	Sean	Mbogo	26	Courtney	Reich	51	Claire	Kern	76	Jane	Fraser
2	Will	Harlan	27	Lauren	Galucki Hoade	52	Peter	Brodhead	77	Nick	Sears
3	Kristen	Ritter Rivera	28	Sandra	McCoy	53	Phillip	Hodges	78	Vic D	Hubbard
4	Emily	Floore	29	Hermina	Glass-Hil	54	Hadrien	Turner	79	Bonnie	Roberts
5	Aliki	Moncrief	30	Jeff	Kling	55	Norman	Richie	80	Sara	Blocker
6	Bill	Sapp	31	Laura	Walker	56	Gail Jane	Whatley	81	Alex	Dileo
7	Ruth	Cannon	32	Hollis	Callaway	57	Antwon	nixon	82	John	Leach
8	Leslie	Lambert	33	iPhone	-91	58	Treva	Gear	83	Jennette	Gayer
9	Nancy	Jacobs	34	David	Solomon	59	Drew	Reynolds	84	Rena Ann	Peck
10	Michael	Lusk	35	Josh	Marks	60	Jim	Sommerville	85	Eunice	Moore
11	Brian	Foster	36	Judy	Kuniansky	61	Eric	Mintz	86	Elizabeth	Lilly
12	Dottie	Head	37	Virginia	Willis	62	Josue	Estrada-Cordoba	87	Jacqueline	Echols
13	Brian	Mangum	38	Joshua	Newbend	63	Larry	Menter	88	Laura	Breyfogle
14	Martha Jar	Winkler	39	Kevin	MacLeod	64	Spencer	Beals	89	Jack	Spalding
15	Matthew	Gobbi	40	Jennifer	Shuford	65	Drago	Tesanovich	90	Lynn	McIntyre
16	Beth	Remmes	41	Lynn	Hodgson	66	Hannah	Mendillo	91	Elizabeth	Moore
17	Nelson	Brackin	42	Ryan	Oliver	67	Gregory	Davis	92	Carl	Parke
18	James	Daniel	43	Jill	Penn	68	Joshua	Howard	93	Van Earl	Wright
19	Judy	Lampert	44	Blake	Michael	69	Taylor	Jordan	94	Deborah	Webb
20	Kay	Huff	45	Ruth Ann	Tesanovich	70	Bette	Holland	95	Jayne	Armour
21	Michael	O'Reilly	46	Marla	Puziss	71	Megan	Huynh	96	miriam	berg
22	Daniel;	MacIntyre	47	Elijah	Dwoskin	72	Anne	Ledbetter	97	Janet	Krovoza
23	Madeleine	Tulk	48	Jaden	Blizzard	73	Max	Brown	98	David	Thompson
24	susan	stainback	49	Kathleen	Bergeron	74	Peter	Followill	99	JUDITH	ANGLEY
25	Lynda	Moulton	50	Emily	Gwynn	75	Blandina	Rojek	100	Rebecca	Shortland





# ATTENDEES WHO REGISTERED TO SPEAK

101	Liz	Hourican	126	Jason	Alstad	151	Kathleen	Moriarty
102	Theresa	Hartz	127	Cary	Mandeville	152	Bill	Hay
103	Robert	Stein	128	Stephen	Nowland	153	Elizabeth	Heddleson
104	Amy	Abbott	129	Kim	Sims	154	Matthew	Savitsky
105	Tyler	Carpenter	130	Ruth Ann	Tesanovich	155	Nancy	Starr
106	Brandi	Griffin	131	William	Horton	156	Kevin	Ionno
107	Brandi	Griffin	132	Amy	Cottrell	157	Hannah	McGrath
108	Linzee Joy	Jensen	133	Taylor	Brown	158	Caleb	Gustavson
109	Susan	Mayer-Hankins	134	Angela	Steedley	159	Jessica	McQuain
110	Patricia	Keene	135	Charlene	Carter	160	Peter	Stedman
111	Shannon	Caldwell	136	Drago	Tesanovich	161	Gracie	Gooch
112	Zack	Loehle	137	Gina	Ward	162	Bob	White
113	Casey	Curry	138	Chuck	Eyler	163	Elizabeth	Gwinn
114	Rick	Doner	139	Cody	Davis	164	Amy	CHANCEY
115	Julia	Maxwell	140	Christian	Hunt	165	Gerald	Webb
116	Mark	Donohue	141	Nora	Cloud	166	Hope	Keyes
117	Robert	Alderman	142	Joyce	Tuten	167	Elise	Bennett
118	Raven	Timmins	143	Marianne	Preisler	168	gerod	ford
119	Mackenzi	Hallmark	144	Anne	Boynton	169	Sam	Collier
120	Caroline	Smith	145	Melissa	Martin	170	David	Kasun
121	Michael	Humphrey	146	Jeanette	Tortora	171	Michael	Hitt
122	Adriana	Colon Adorno	147	Sheila	Carter	172	Austin	Russell
123	B	B	148	Deborah	Sasser	173	lillian	clarke
124	Alice	Keyes	149	Bill	Edens	174	david	KYLER
125	Rabbi Laure	Rosenthal	150	Bill	Lewis			



## ATTENDEES WHO DID NOT REGISTER TO SPEAK

- If you haven't already done so, please raise your hand or press \*9 if you are using the telephone.
- Listen carefully for your name. You will have 10 seconds to begin speaking after you are unmuted.
- Each speaker will have 2 minutes to provide a comment.



# ADJOURN

- **Thank you for your attendance at this public meeting.**
- **The Division will consider these, and all other relevant comments received throughout the public comment period that officially ends at 4:30 pm, Tuesday, April 9, 2024.**
- **All written comments can be sent to:**  
**[TwinPines.Comment @dnr.ga.gov](mailto:TwinPines.Comment@dnr.ga.gov)**
- **All documents open for public comment can be found at:**  
**<https://epd.georgia.gov/twin-pines>**