

Summary of Mining Operations

Approved Mining Operations (West to East along Cache Creek)

Key Information	<u>Granite Capay</u>	<u>Granite Esparto</u>	<u>Teichert Esparto</u>	<u>Syar Industries</u>	<u>Cemex</u>	<u>Teichert Woodland</u>	<u>Teichert Schwarzgruber</u>
Zone File Number	ZF#95-078, ZF#2001-096 (amend.)	ZF#2007-071	ZF#95-094	ZF#95-079, ZF#98-010 (amend.)	ZF#95-093	ZF#95-095	ZF#2011-0035
Approval Date	11/25/1996; 12/03/2002	11/08/2011	11/25/1996	11/25/1996; 02/16/1999	11/25/1996	11/25/1996	11/13/2012
End Date	01/01/2028	11/08/2041	01/01/2028	06/08/2029	08/11/2027	01/01/2028	01/01/2028
Is Operation Active?	Yes	No (not permitted to commence operations until mining at Granite Capay is complete, and not prior to 2021)	Yes; however, no mining occurred at the site in 2018. Some sales of stockpiled material did occur in 2018 calendar year. Depending on volume of sales, the site may become "idle."	Yes; however, site is currently idle—mining operations have been on hold since 2011	Yes	Yes (mining is complete—the site is being actively reclaimed)	Yes
Total Acres to be Mined	±312 acres	±302 acres	±148 acres	±248 acres	±586 acres	±252 acres	±41 acres
Reclamation Summary	127 acre permanent lake (including 51 acres of associated habitat); 121 acres returned to agriculture; 9 acres to habitat; 4 acres slopes. Plant site reclamation consists of 65 acres returned to agriculture and 3 acres slopes (included in summary above). To be reclaimed after completion of mining at Granite Esparto.	157 acre permanent lake; 44 acres of shoreline habitat; 112 acres returned to agriculture. Plant site reclamation is included under the summary for Granite Capay.	98 acre permanent lake; 31 acres of shoreline habitat (including emergent marsh, floodplain riparian, high terrace riparian); 19 acres of slopes. Plant site reclamation consists of 70 acres of habitat.	202 acre permanent lake (including 55 acres of vegetated shore and slopes, and 5 acre vegetated island); 46 acres returned to agriculture row crops. Plant site reclamation consists of approximately 70 acres returned to agriculture, and includes the raising of the site with excess soils.	153 acres of permanent lakes; 61 acres of associated habitat; 446 acres returned to agriculture (this includes 100 acres of a previously mined area permitted prior to ZF95-093); 26 acres of slopes. Plant site reclamation consists of 30 acres returned to agriculture.	23 acres of permanent lake; 103 acres of seasonal pond habitat, including 18 acres of slopes; 100 acres returned to agriculture; and 4 acres misc. habitat and 17 misc. slopes. Plant site reclamation consists of 116 acres of grassland and oak woodland habitat and 5 acres of slopes. To be reclaimed after completion of mining at Teichert Schwarzgruber.	62 acres of habitat (including seasonal pond, riparian wetland, oak riparian wetland); 31 acres of open space (grassland). A total of 93 acres will be reclaimed by Teichert, which includes areas previously mined by Schwarzgruber and Sons, but will not be mined by Teichert. Plant site reclamation is included under the summary for Teichert Woodland.