



VARRA COMPANIES, INC.
DMG PERMIT M2010-049
Western Sugar

VARRA COMPANIES, INC.
DMG PERMIT M1978-056 - Durham
EXHIBIT C: PRE-MINING & MINING PLAN MAP
2003 AMENDMENT

Status of 229.89± Permitted Area as of May 2003 utilizing May 2001 aerial photography.
Stockpile Identifier Number with Boundary
Tract A - Completed = 42.10± Acres
Tract A - Active Extraction = 17.82± Acres
Tract B - Planned Extraction = 11.61 Acres
Tract C - Poned = 26.26± Acres
Tract A & C - Planned Extraction = 45.75± Acres**
Tract D - Fill = 13.46± Acres; Other Fill = 0.37± Acres
Roads = 6.09± Acres ± 1.02± Acres Inside Unaffected Lands
Unaffected Lands = 44.66± Total
NOTE: Balance of Affected Lands above basin/water line (areas not hatched within the permit boundary) = 22.14± Acres
Phase Boundary Line
Green line outside permit boundary shows extent of water wells within 600 feet from planned or existing extraction
Oil & Gas Well with 25 and 100 foot buffer lines
Water Well
Permit Boundary
001 Stormwater Discharge Point
2-4 Existing Soil Stockpile Locations and Extent
Direction of Extraction Activities

Tract A Planned Extraction = 20.15± Acres
Tract C Planned Extraction = 25.60± Acres

Pit Walls Graded & Soiled

16TH STREET ENTRANCE

- VARRA CO. DURHAM PROJECT BOUNDARY
 - MATERIALS PROCESSING & STOCKPILES
 - ON-GOING BASIN EXTRACTION
 - PERMANENT ACCESS ROADS
 - AREAS GRADED - SOILED - SEEDED
 - AREAS GRADED & SOILED
 - AREAS AFFECTED BY OIL & GAS ACTIVITIES
 - VARRA CO. DURHAM PROJECT BOUNDARY
 - TRACT D - FILL AREA
 - PREVIOUSLY UNAFFECTED LANDS
 - APX. DIRECTION OF EXTRACTION
 - 008 STORMWATER DISCHARGE POINT
- NOTE: WEEDS MECHANICALLY CONTROLLED BY DISCING, MOWING, OR REMOVAL BY EQUIPMENT OR BY HAND.