#### APPENDIX J

# SEDIMENT QUALITY OBJECTIVE (SQO) ASSESSMENT SCORES

## 2013 RHMP SQO ASSESSMENT SCORES – TABLE & MAPS

#### 2013 RHMP Sediment Quality Objectives (SQO) Assessment Integrated SQO Scores

Station	Harbor	Strata	Sediment Chemistry Exposure	Benthic Community Exposure	Sediment Toxicity	Integrated Station Assessment
B13-8259	Dana Point Harbor	Marina	Moderate Exposure	Moderate Disturbance	Low Toxicity	Likely impacted
B13-8263 B13-8265		Deep Shallow	Low Exposure Low Exposure	Reference Low Disturbance	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8267		Marina	Moderate Exposure	High Disturbance	Nontoxic	Possibly impacted
B13-8233	Oceanside Harbor	Marina	Moderate Exposure	Moderate Disturbance	Low Toxicity	Likely impacted
B13-8236 B13-8239		Deep Deep	Low Exposure Low Exposure	Low Disturbance  Moderate Disturbance	Nontoxic Nontoxic	Unimpacted Likely unimpacted
B13-8145	Mission Bay	Deep	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8146		Marina	Moderate Exposure	Reference	Nontoxic	Likely unimpacted
B13-8151		Marina	Moderate Exposure	Reference	Nontoxic	Likely unimpacted
B13-8152 B13-8156		Deep Shallow	Minimal Exposure  Low Exposure	Low Disturbance Reference	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8157		Shallow	Low Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8159		Shallow	Low Exposure	Moderate Disturbance	Nontoxic	Likely unimpacted
B13-8160 B13-8163		Freshwater-Influenced Freshwater-Influenced	Low Exposure  Moderate Exposure	Low Disturbance Low Disturbance	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8085		Deep	Low Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8102	San Diego Bay - North	Marina	Moderate Exposure	Reference	Low Toxicity	Likely unimpacted
B13-8105		Shallow	Low Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8106 B13-8108		Marina Deep	Moderate Exposure  Low Exposure	Low Disturbance Low Disturbance	Low Toxicity Nontoxic	Possibly impacted Unimpacted
B13-8109		Deep	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8111		Deep	Moderate Exposure	Moderate Disturbance	Nontoxic	Possibly impacted
B13-8112 B13-8113		Deep Marina	Low Exposure  Moderate Exposure	Low Disturbance  Moderate Disturbance	Nontoxic Low Toxicity	Unimpacted Likely impacted
B13-8116		Marina	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8117		Marina	Moderate Exposure	Moderate Disturbance	Low Toxicity	Likely impacted
B13-8118		Deep	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8121 B13-8122		Marina Deep	High Exposure  Low Exposure	Moderate Disturbance Reference	Nontoxic Nontoxic	Likely impacted Unimpacted
B13-8123		Shallow	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8124		Shallow	Low Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8127 B13-8128		Marina Shallow	Moderate Exposure  Moderate Exposure	Moderate Disturbance Moderate Disturbance	Low Toxicity Nontoxic	Likely impacted  Possibly impacted
B13-8500		Freshwater-Influenced	High Exposure	Low Disturbance	Nontoxic	Likely unimpacted
B13-8045	San Diego Bay - Central	Deep	Low Exposure	Low Disturbance	Low Toxicity	Likely unimpacted
B13-8049 B13-8050		Industrial/Port Industrial/Port	Moderate Exposure  Moderate Exposure	Low Disturbance  Moderate Disturbance	Nontoxic Nontoxic	Unimpacted Possibly impacted
B13-8052		Shallow	Low Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8053		Industrial/Port	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8056		Industrial/Port	Moderate Exposure	Moderate Disturbance	Nontoxic	Possibly impacted
B13-8058 B13-8060		Shallow Shallow	Low Exposure Low Exposure	Low Disturbance Low Disturbance	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8064		Industrial/Port	Moderate Exposure	High Disturbance	Low Toxicity	Likely impacted
B13-8065		Industrial/Port	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8066 B13-8068		Industrial/Port Shallow	Moderate Exposure  Low Exposure	Moderate Disturbance Low Disturbance	Nontoxic Nontoxic	Possibly impacted Unimpacted
B13-8069		Industrial/Port	Moderate Exposure	Moderate Disturbance	Nontoxic	Possibly impacted
B13-8073		Marina	Low Exposure	Moderate Disturbance	Nontoxic	Likely unimpacted
B13-8074		Freshwater-Influenced	High Exposure	Moderate Disturbance	Nontoxic	Likely impacted Likely impacted
B13-8075 B13-8076		Freshwater-Influenced Freshwater-Influenced	High Exposure High Exposure	Moderate Disturbance Low Disturbance	Nontoxic Nontoxic	Likely impacted  Likely unimpacted
B13-8077		Freshwater-Influenced	Moderate Exposure	Moderate Disturbance	Nontoxic	Possibly impacted
B13-8078		Deep	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8087 B13-8090		Deep Industrial/Port	Minimal Exposure High Exposure	Reference Moderate Disturbance	Nontoxic Low Toxicity	Unimpacted Likely impacted
B13-8093		Deep	Low Exposure	Reference	Nontoxic	Unimpacted
B13-8095		Industrial/Port	Moderate Exposure	Moderate Disturbance	Low Toxicity	Likely impacted
B13-8096 B13-8098		Industrial/Port Industrial/Port	Low Exposure Minimal Exposure	Reference Reference	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8099		Industrial/Port	Moderate Exposure	Reference	Nontoxic	Likely unimpacted
B13-8100		Industrial/Port	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8013	San Diego Bay - South	Marina	Moderate Exposure	High Disturbance	Nontoxic	Possibly impacted
B13-8014 B13-8017		Marina Shallow	Low Exposure Low Exposure	Moderate Disturbance Moderate Disturbance	Nontoxic Nontoxic	Likely unimpacted Likely unimpacted
B13-8018		Shallow	Minimal Exposure	High Disturbance	Nontoxic	Likely unimpacted
B13-8020		Shallow	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted
B13-8028 B13-8029		Freshwater-Influenced Freshwater-Influenced	Low Exposure Low Exposure	Low Disturbance Low Disturbance	Nontoxic Nontoxic	Unimpacted Unimpacted
B13-8029		Freshwater-Influenced	Low Exposure  Low Exposure	Moderate Disturbance	Nontoxic	Likely unimpacted
B13-8031		Freshwater-Influenced	Minimal Exposure	Low Disturbance	Low Toxicity	Likely unimpacted
B13-8033		Freshwater-Influenced	Low Exposure	Moderate Disturbance	Nontoxic	Likely unimpacted
B13-8036 B13-8038		Freshwater-Influenced Freshwater-Influenced	Low Exposure Low Exposure	Moderate Disturbance Moderate Disturbance	Nontoxic Nontoxic	Likely unimpacted Likely unimpacted
B13-8040		Freshwater-Influenced	Moderate Exposure	Low Disturbance	Nontoxic	Unimpacted

<sup>\*</sup> No Final Station Scores are considered Clearly Impacted



SQO Integrated Assessment Scores
Dana Point Harbor Harbor
RHMP 2013



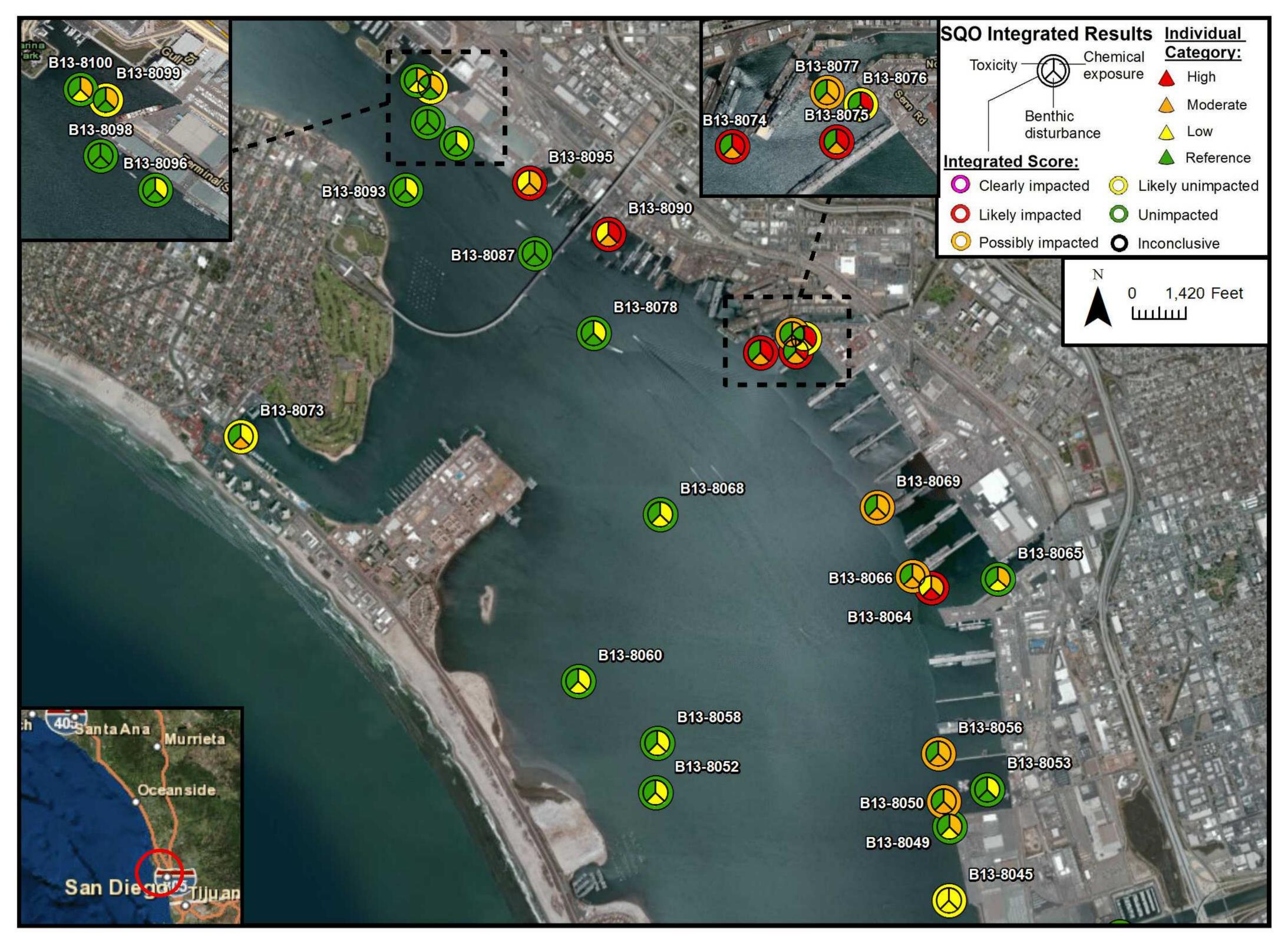
SQO Integrated Assessment Scores
Oceanside Harbor
RHMP 2013



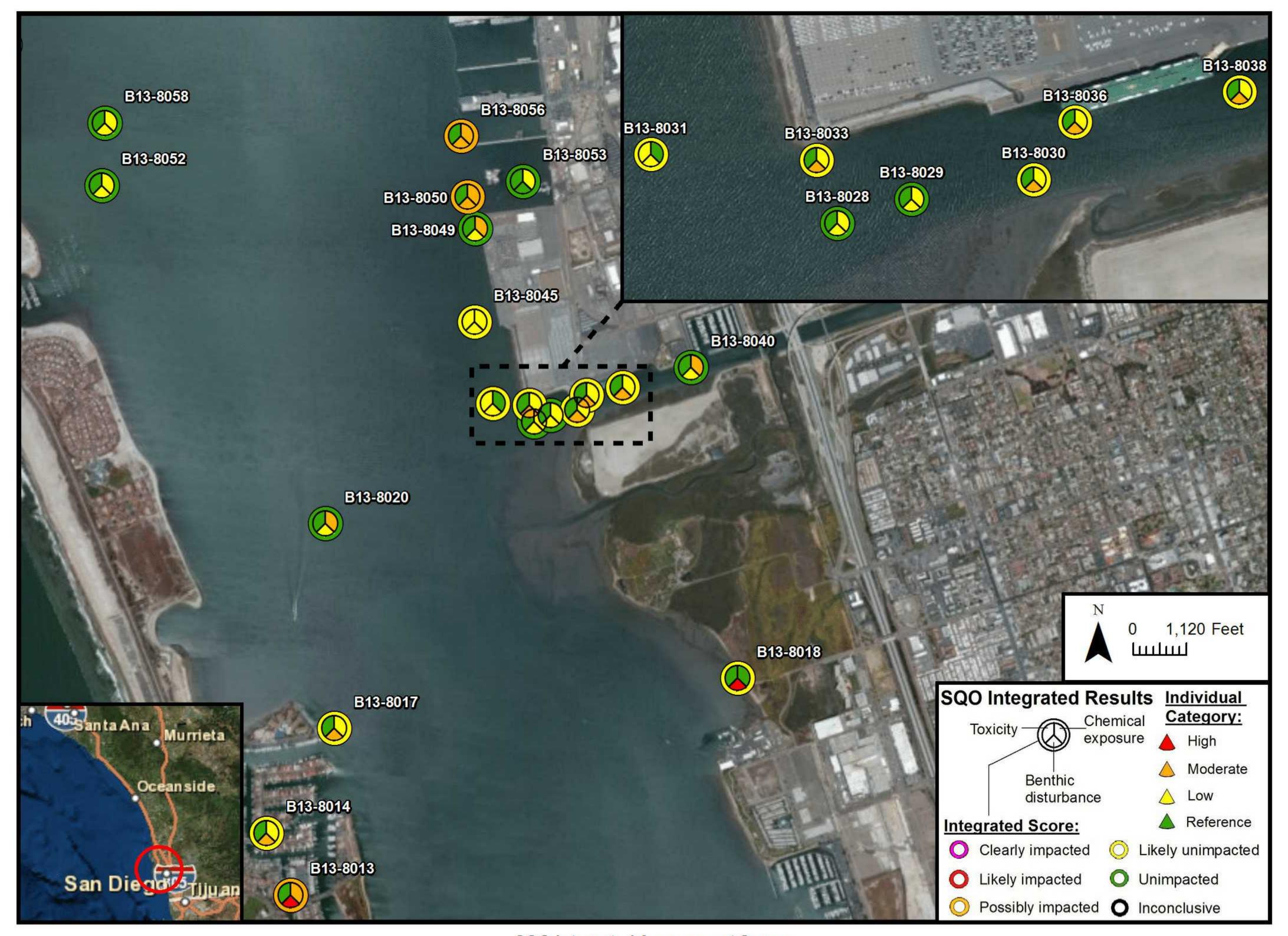
SQO Integrated Assessment Scores
Mission Bay
RHMP 2013



SQO Integrated Assessment Scores North San Diego Bay RHMP 2013



SQO Integrated Assessment Scores
Central San Diego Bay
RHMP 2013



SQO Integrated Assessment Scores
South San Diego Bay
RHMP 2013

### 2008 RHMP versus 2013 RHMP SQO MAPS

