

UNB RESTORATION TEAM MINUTES OF MEETING

Meeting Date: Monday, February 9, 2009
Meeting Time : 2:00 PM – 3:30 PM
Location: Interpretive Center

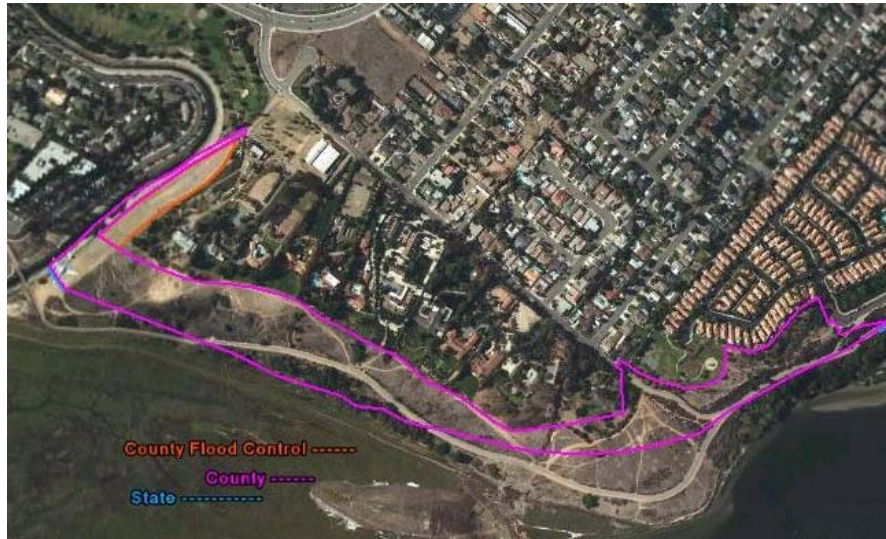
Attendees: Matt Yurko (California Coastal Commission) Don Millar (NBNF)
Shane Burckle (City of Newport Beach) Jennifer Naegele (OC Parks)
Rik Katzmeier (NBNF) Dorothy Kimmel (OC Parks)
Roger Mallett (NBNF) Kari Schumacher (OC Watershed)

1. The minutes of the August 4, 2008 Restoration Team meeting were approved.
2. Roger ran through the project updates on the Upper Newport Bay Restoration Team web displayed using a laptop and projector. The link is [UNB Restoration Team Home Page](#). Items of note were the progress made on the West Bay Phase 1 project, the success of the Second Sundays community based restoration activities in the surroundings of the Interpretive Center parking lot, and the implementation of Rajan Brown's Planting Plan at Newport Valley. Rajan is a Cal Poly Pomona landscape architect student and ROOTS intern. He presented the Planting Plan at the August 2008 Restoration Team meeting. Roger also provided a quick recap of progress in implementing the Habitat and Wildlife Surveys at the Second Sundays and ROOTS sites that Naturalist Peter Ridley is spearheading. Based on input at the August 2008 Restoration Team meeting the extent and frequency of monitoring has been revised. Transect lengths are now 50 ft., habitat percent coverage is done twice yearly and wildlife monitoring every other month. Survival and growth monitoring continues to be done for newly planted areas on a highly selective basis, and continue to be reported via the project page for the project to which it belongs. Habitat and Wildlife Survey information has been removed from the current web accessed via the link above to the new UNB Data Catalog Web (see Item 3.4 below). Transects have been laid out and the first actual surveys were done in December 2008.
3. Roger gave an initial presentation of the preliminary version of a new and expanded web that will include (in addition to the Projects section) property line info, water quality info, habitat and wildlife info, etc. An entirely new website (independent of newportbay.org) is planned, which will use the Google Earth API. The presentation was designed to get input on the form and content before moving too far along in web development. So the presentation was given from a flash drive and not from the web. The proposed sections of the UNB Data Catalog Web are as shown in the web page header. See partial screen print below:

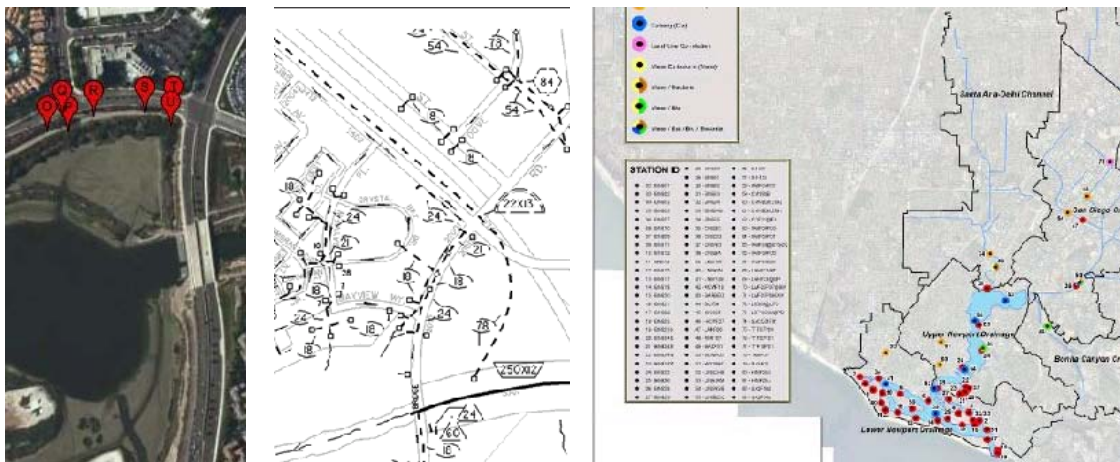


- 3.1 The Projects Home Page is essentially the same as that discussed/linked in Item 2. above. It has an aerial photo of the entire UNB with project areas delineated and specific projects shown, and a tabular listing of all projects. Mousing over a project area on the photo displays the project name, and when info was last revised. Clicking on a project label on the photo (or on hyperlink in table below) opens up the Project Information Page, which has close-up a close-up aerial photo and tabular listing of key information on the project. From there Project Photo Pages linked to Project Information Page and showing one or more ground level photos or sketches to orientate the viewer to the project can be opened.

3.2 The Property Lines Section is intended to make property boundary information readily available to simplify discussions about problems that need to be addressed and projects that need ownership. Among the property ownership issues that have arisen in prior Restoration Team meetings just related to the Bayview Project Area are whose property is the new horse arena on, and where do the private properties along Mesa Drive extend. For now just one sample page (for the Bayview Project Area) is included. A partial screen print is shown below. This was drawn in Google Earth using information extracted directly from Orange County Assessor's parcel maps and property records.




3.3 The Water Quality section will be the go-to page for GIS-based info, including storm drain location info, water quality testing locations, etc. Here are three partial screen prints to illustrate what can be done:

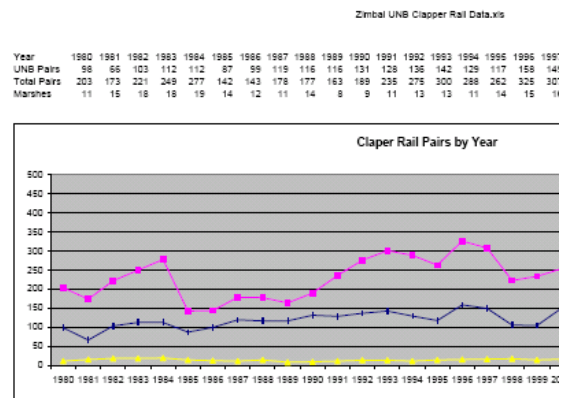


The first is an aerial map on which location of each storm drain (curb drain, etc.) is marked. Clicking marker opens page showing photo of drain (same way as project pages are opened from the Project Map). The second is extract from County Flood Control Master Plan. These two items, along with Property Map, would be helpful in resolving the “sink hole” issue over at Eastbluff. The third item is a screen print of a figure in the Phase I Central OC Integrated Regional Water Management Plan. Moving forward, actual GIS data would be imported into Google Earth to display locations in same way as drain locations. There is a wealth of possibilities for adding map-based info here, as well as data summaries. See item 3.4 for sample data summary.

3.4 The Habitat and Wildlife Section is intended to be the home of the Habitat and Wildlife Survey Transect Maps and related data and graphs, and any other useful information. **Note that sensitive information will be displayed on a need-to-know basis only (as determined by responsible agency) though the use of password-restricted access.** Here are three partial screen prints to illustrate what can be done:



Year-Month	2008-12	2009-02
BVW1 BVW Transect 1		
BVW1 Percent Coverage Survey		
BVW1 Survey Date	11/24/2008	
BVW1 Lead Data Collector	Nichols	
BVW1 Other Data Collector	Lambert	
BVW1 % Non Native	49	
BVW1 % Bare/Duff	32	
BVW1 % Native	19	
BVW1 Most Common Native (%)	ARCA	
BVW1 Next Most Common (%)		
BVW1 3rd Most Common (%)		
BVW1 Rain since last survey (none/some/flots)	S	
BVW1 Maint since last survey (none/some/flots)	N	
BVW1 Water since last survey (none/some/flots)	N	
BVW1 Comments		
BVW1 Wildlife Survey		
BVW1 Survey Date	12/19/2008	
BVW1 Lead Data Collector	Ridley	
BVW1 Other Data Collector	Yurko	
BVW1 Lead Birder	Ridley	
BVW1 Other Birder	Yurko	
BVW1 Birding View Point	1	
BVW1 Start Time	10:01	
BVW1 End Time	10:16	
BVW1 Rain since last survey (none/some/flots)	S	
BVW1 Air Temperature	60	
BVW1 Sky Misty/Cloudy/Sunny	S	
BVW1 Soil Dry/Moist/Wet	M	
BVW1 Plants Dry/Wet	D	
BVW1 Habitat Type	CSS	
BVW1 # of Bird Occurances (Ground) <50ft. radius	2	
BVW1 # of Add'l Bird Occurances (Air) <50ft. radius	7	
BVW1 List Species within 50ft. radius	ALHU, HOFI, VHSP	
BVW1 # of Bird Species (Ground) > 50ft. R	0	
BVW1 # of Add'l Bird Species (Air) > 50ft. R	7	
BVW1 List Species beyond 50ft. radius	GREG, UNX, TUVU, OSPR	
BVW1 # of Mammal Occurances	2	
BVW1 # of Mammal Species	1	
BVW1 List Species	Rabbit	
BVW1 # of Reptile/Amphibian Occurances	0	
BVW1 # of Reptile/Amphibian Species	0	



The first is an aerial map on which Habitat and Wildlife transects are marked. (The transect lines top/center (BVU-1/2, two 50 ft. transects end to end) are in an unrestored control area. The transect lines mid-right (BVW-1/2, two 50 ft. transects end to end) are in the restored Bayview West ROOTS area.) The second a screen print for the Habitat and Wildlife Survey Master Database (in Excel). The third item is the Clapper Rail Summary that was previously posted in the second iteration of the UNB Restoration Team Web (it can still be accessed via this link <http://newportbay.org/rest/smpolecat.htm>). As with water quality there is a wealth of information available – e.g. (under habitat) there are eel grass maps, algae maps, etc. A link will also be provided to the Encyclopedia section of newportbay.org where Don’s plant guide resides. <http://newportbay.org/plants/1titlepage.html>

3.5 The Bathymetry and Topography Section is intended to be the home of maps showing water depth and other such information.

3.6 The Public Use Section is intended to be the home of maps showing trail, etc. use by type, frequency, etc. NBNF volunteers have previously been involved in conducting public use surveys that would yield important info relating to trail management.

3.7 The Data Catalog Section is intended to be the home of the actual UNB Data Catalog which is described separately in Section 4.0 below.

4. The Data Catalog has been compiled in Microsoft Access and the screen prints below show the forms used to view and enter data. Currently there are over 1,300 document segments in the catalog, and more are still being added. In the next couple of months the interface will be refined based on stakeholder input and a web-based version will be rolled out. **Note that sensitive information will be displayed on a need-to-know basis only (as determined by responsible agency) though the use of password-restricted access.**

4.1 This is the screen that the user will first see. A filter has already been applied to show only 239 records.

MASTER CATALOG LIST

To protect data integrity this is a read-only version of the database.

To filter by any one Subject Category, click button to right.

SD Creek Watershed Baseline Conditions Report	NB Wshed	2001	Interme	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chap. X Hydrology	US Army Corps of Engineers - US Army Corps of Engineers								
Nutrient TMDL 2005 Annual Report	NB Wshed	2005	High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chapter 3.0 Newport Bay	OC Watersheds - OC Watersheds								
Nutrient TMDL 2005 Annual Report	NB Wshed	2005	High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chapter 2.0 San Diego Creek Watershed	OC Watersheds - OC Watersheds								
UNB Watershed Sediment TMDL 2003/4 Report	NB Wshed	2004	High	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appendix G. UNB Vegetation Survey	OC Watersheds - Wetlands Reseach, Inc								
UNB Watershed Sediment TMDL 2003/4 Report	NB Wshed	2004	High	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appendix G. UNB Vegetation Survey	OC Watersheds - Wetlands Reseach, Inc								
UNB Watershed Sediment TMDL 2003/4 Report	NB Wshed	2004	High	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appendix F. UNB Topographic/Bathymetric Surve	OC Watersheds - OC Watersheds								
UNB Watershed Sediment TMDL 2003/4 Report	NB Wshed	2004	Low	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appendix E. Participant Document Exchange	OC Watersheds - City of Tustin								
UNB Watershed Sediment TMDL 2003/4 Report	NB Wshed	2004	High	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appendix D. Delhi Channel Discharge 2000-2	OC Watersheds - OC Watersheds								

To filter by one of these columns, choose value from pulldown list and click adjacent F button. Click S to just sort by the column.

Geog. Scope
 Year (type in) Or Later

Importance
 Issued By

To see Subject Category definitions, click here:

To open Datasheet, highlight row, then click here:

To remove filter and revert to original list of all packets and segments sorted by issuing organization, click here:

Record: of 239

Form View

4.2 This shows the top part of the single-record form the viewer sees.

CATALOG RECORD SHEET

The following pertains to the overall Information Packet.

Short Title
 Issued By
 Year

Hyperlink

Full Title

Authorship

Packet Type
 Format
 Catalog Status
 Date Added

Geo Scope
 EIR?
 Type
 Mgmt Plan?
 Type
 Regs?

This is one single 17MB file. Although not an immediate priority, it would be useful for it to be divided up into smaller files (according to the segments described below) that can be opened individually. The Table of Contents lists Technical Appendices A-F, which are not included. Further inquiries are needed to see if they have been published.

Per the ACOE, the F3 submittal is a "first attempt" at identifying opportunities for ecosystem restoration and constructed wetlands using an assemblage of existing information and input from stakeholders an the public. Preliminary results indicate a need to focus on:

1. Erosion/Sedimentation - primarily in Serrano Creek.
2. WQ Improvements - constructed wetlands - see IRWD study.
3. Ecosystem Restoration - riparian in several areas of the watershed.
4. Habitat Corridor - opportunities in south and east portions.

The following pertains to the specific Information Segment.

Short Title
 Prepared By

Hyperlink

Full Title

Record: of 1310

4.3 This shows part of the Data Entry Form. (c.f. screen print above). Red fields are not seen by external user. Note the menu for choosing Restrictions. If “Agency only” is assigned, the record will not be seen by anyone but an authorized agency person with the necessary level of password access.

CATALOG DATA ENTRY SHEET

Main Menu Suppressed: Y To Get To Review
 Data View N To Abstract Done
 List View Show All

Geo Scope NB Wshed EIR? Type Mgmt Plan? Type Regs?

Obtained? How? Link to Hyperlink One Seg? One Link? Our Link? Our Doc? Why Not Av?

Suppress? Why? See Instead Get Action Ask Amanda re Appendices

Abstract By roger Date 1/21/09 Review By Date Last Chkd By Date Chge?

CS/NSMP Calswim KW NSMP Data

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The following pertains to the specific Information Segment.

Short Title Chap. X Hydrology Prep By US Army Corps of Engineers

Hyperlink

Full Title

1 1198

Authorship US Army Corps of Engineers in cooperation with Orange County and other stakeholders

Biological Resources? Endangered? Invasive? Vector?

Water and Weather? Hydrology - General Tributary San Diego Creek - All

Geology and Soils? UNB Importance Intermed Yr Range

Land Cons. and Use? Lat-Long? Date-Time? Dynamic?

Best Mgmt Practice? Start Date End Date

Urban Topics? Restrictions

Keywords

Record: 1 of 1021
 Form View

4.4 If the user wants to refine beyond the filters on the Catalog Record Sheet, this can be done via the Main Menu page, part of which is shown in the screen print below. The web version will also allow a “Google” search.

The default view when the database opens is the Catalog Index. Some filter and sort capabilities are provided there. Details on each catalog record are viewed in the Catalog Record Sheet form. There are command buttons on the form to do some limited filtering. More advanced filtering of the Catalog Record Sheet form can be done as indicated below.

To narrow search in any one specific Subject Category, choose value from pulldown list and click adjacent button.

Biological Resources F Land Cons. and Use F
 Water and Weather F Best Mgmt Practices F
 Geology and Soils F Urban Topics F

To see Subject Category definitions, click here: X

A Data Segment can be assigned to multiple Categories, but only one Sub-Category within each Category. Data Segments may have information pertaining to multiple subject Sub-Categories, so if above search is unsuccessful, try a pre-defined keyword search. Choose value from pulldown list and click adjacent button.

These filters can be used to just see records that have been flagged as being a particular type. Click adjacent button to open the Catalog Record Sheet form showing only those Information Packets/Segments that have been flagged as containing significant information related to one of the topics:

EIR Documents X Management Plans X Regulations X

Endangered Species X Invasive Species X Vectors/Pests X

To narrow search according to any one of these criteria, choose value from pulldown list and click adjacent button.

Keyword F

aesthetics
 african clawed frogs
 agriculture
 algae
 ammonia

5. Suggestions from the attendees included:
 - 5.1 On the Project Form, identify reason project is being undertaken (problem, solution, intended outcome).
 - 5.2 Allow for side-by-side or overlay comparison of photos showing e.g. baseline plant coverage, after restoration and as new habitat matures.
 - 5.3 Provide way of including map info in programs pages of regular newportbay.org web.
 - 5.4 Restrict access to sensitive info.
 - 5.5 Allow for free-form web search (Googling) of database.
 - 5.6 Find the Public Use Survey data from 2000 and 2002.
6. No date was set for the next meeting. Per protocol established in 2008, Roger will seek input from the agency staff about 2-3 weeks before the first Monday of each month to see if a meeting should be held that month, with a view to holding a meeting if needed every quarter.

Minutes prepared by Roger Mallett
February 9, 2009