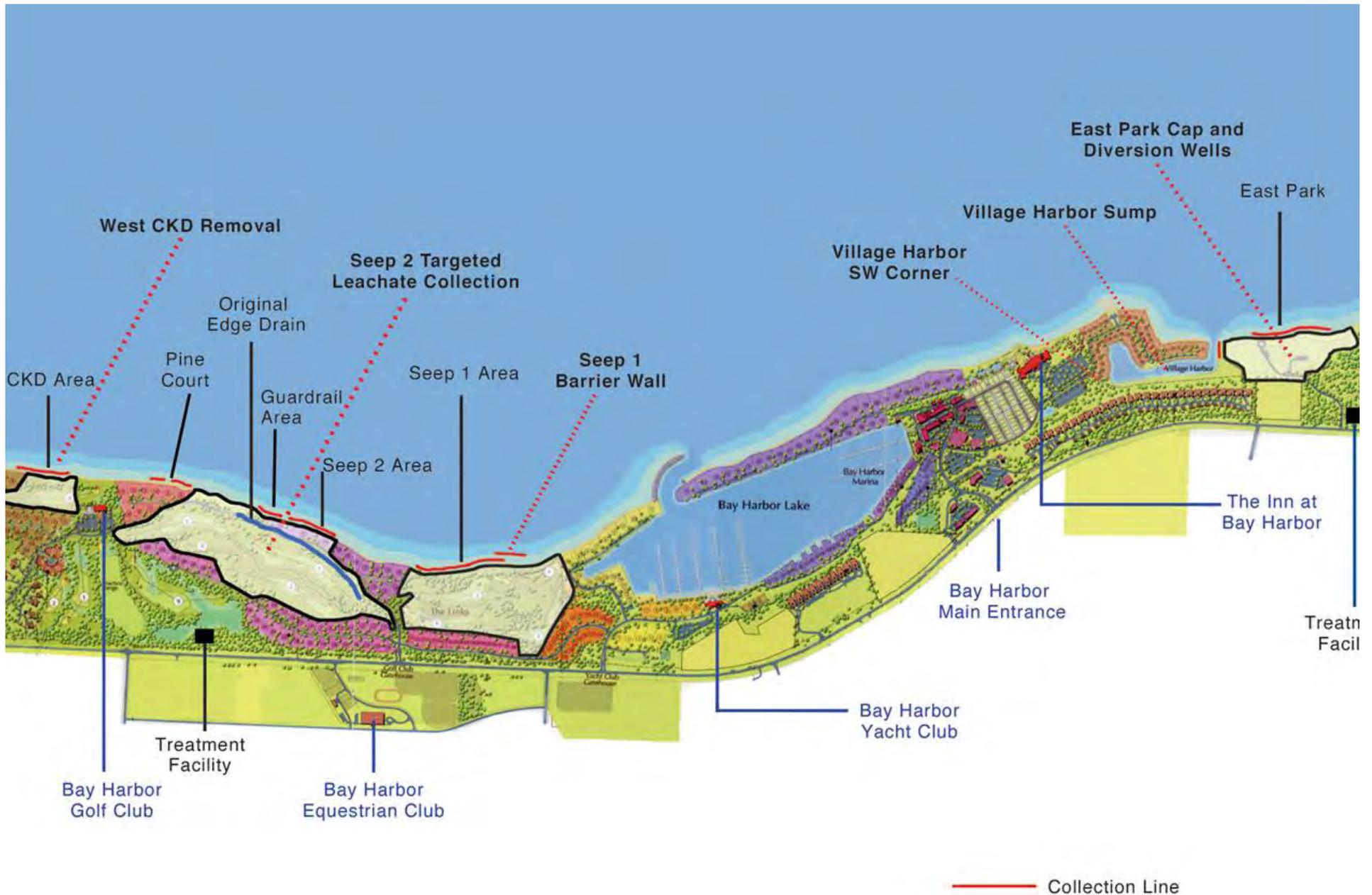


LTB CKD



Interim Response Activities

- Measures installed at project
 - 2,800 feet of collection lines installed
 - ◆ 5,000 feet of force main installed to transport water
 - Water diversion wells being installed
 - Pile capped in East Park
 - Removal/relocation of cement dust
 - Water treatment facility constructed



Environmental results – Bay Harbor

- Collection lines working very well. Minor exceptions in three small areas.
- CMS is currently addressing these areas to improve line performance even more.
- Health Advisories lifted for portion of dust pile 2 in 2006 and for portion of dust pile 1 in July 2008.

Augmentation work

- East Pile - The narrow beach area was expanded to accommodate a barrier wall to direct water into collection line.
- Pine Court area – A targeted water collection well was installed under golf course in May 2008 to collect leachate.
- West Pile - Approximately 5,000 – 8,000 cubic yards of cement dust and soil mix on beach is being removed. A new collection line will be installed.



Village Harbor work areas



Village Harbor work

- The collection line installed in East Park has effectively addressed elevated pH readings that were found along the east side channel of Village Harbor.
- Southwest corner
 - Utilizing land and water based barges soil and rocks were removed and the area was backfilled with layers of sand, rock and an engineered cover material. Quarterly pH monitoring is being conducted.
- Sump area work
 - An approximately 28,000 square feet area on bottom of lake (about 700 feet long and 15 – 18 feet below the water surface) will be contained and isolated by capping the area with gravel, sand, and a low-permeability layer, consisting of either a geosynthetic clay liner (GCL) or AquaBlok® layer

East Park activities

- Cement dust relocated out of ground water.
- 800 feet of collection lines installed.
- Liner installed over central and west side of park.
- Water diversion wells being installed.
- Additional mercury monitoring wells installed.
- Vegetation established over park.
- Treatment facility built east of park.
- Park has been turned over to Resort Township.



East Park update

Environmental results:

- pH readings in East Park are routinely below 9.
- Mercury going to the lake has been significantly reduced.
- Continued improvement expected when all remedies are working in concert.



Investigating the site

- Investigating and evaluating the site
 - 1,300 soil, groundwater and surface water samples
 - 314 soil borings
 - 340 groundwater monitoring wells
 - Extensive geophysical investigations
 - Groundwater model created to determine flow rate



Remedial Investigation/Alternatives Evaluation

- Will identify proposed final remedies for both East Park and the Bay Harbor Development.
- Alternatives being studied include:
 - Water collection
 - Water diversion
 - Capping
 - Targeted water (leachate) collection
 - Removal

