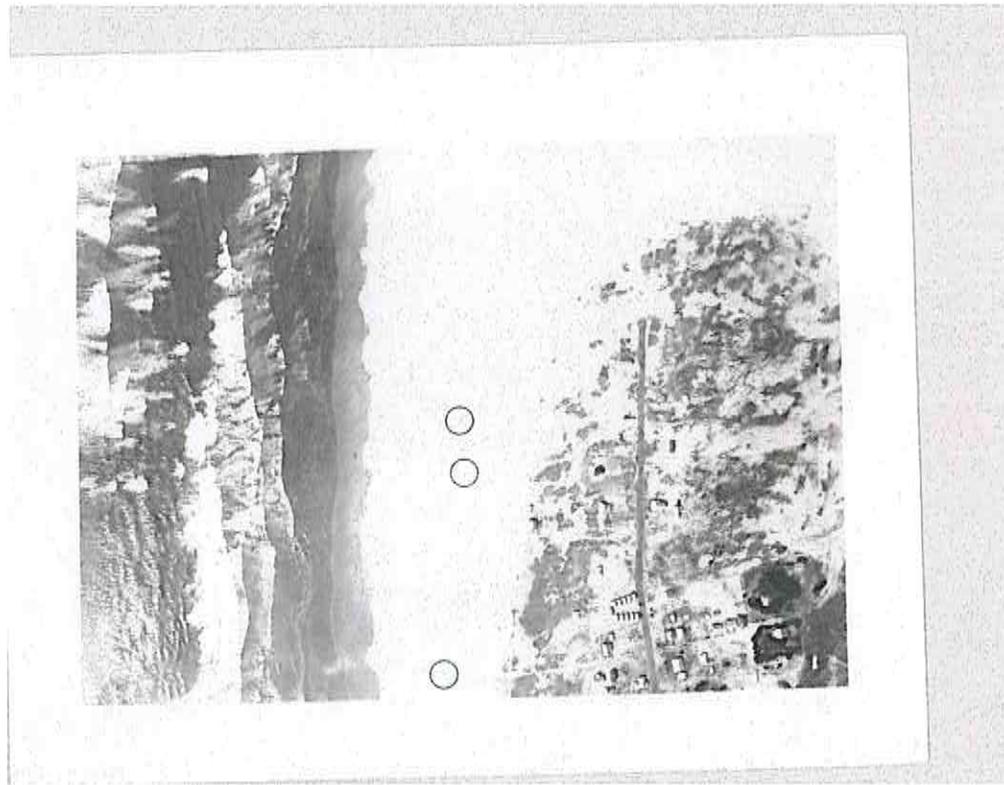


# 1938

You can see Franklin Street ending in the same spot as it does today. The first sewer treatment plant was built at 19<sup>th</sup> and Franklin in 1940.



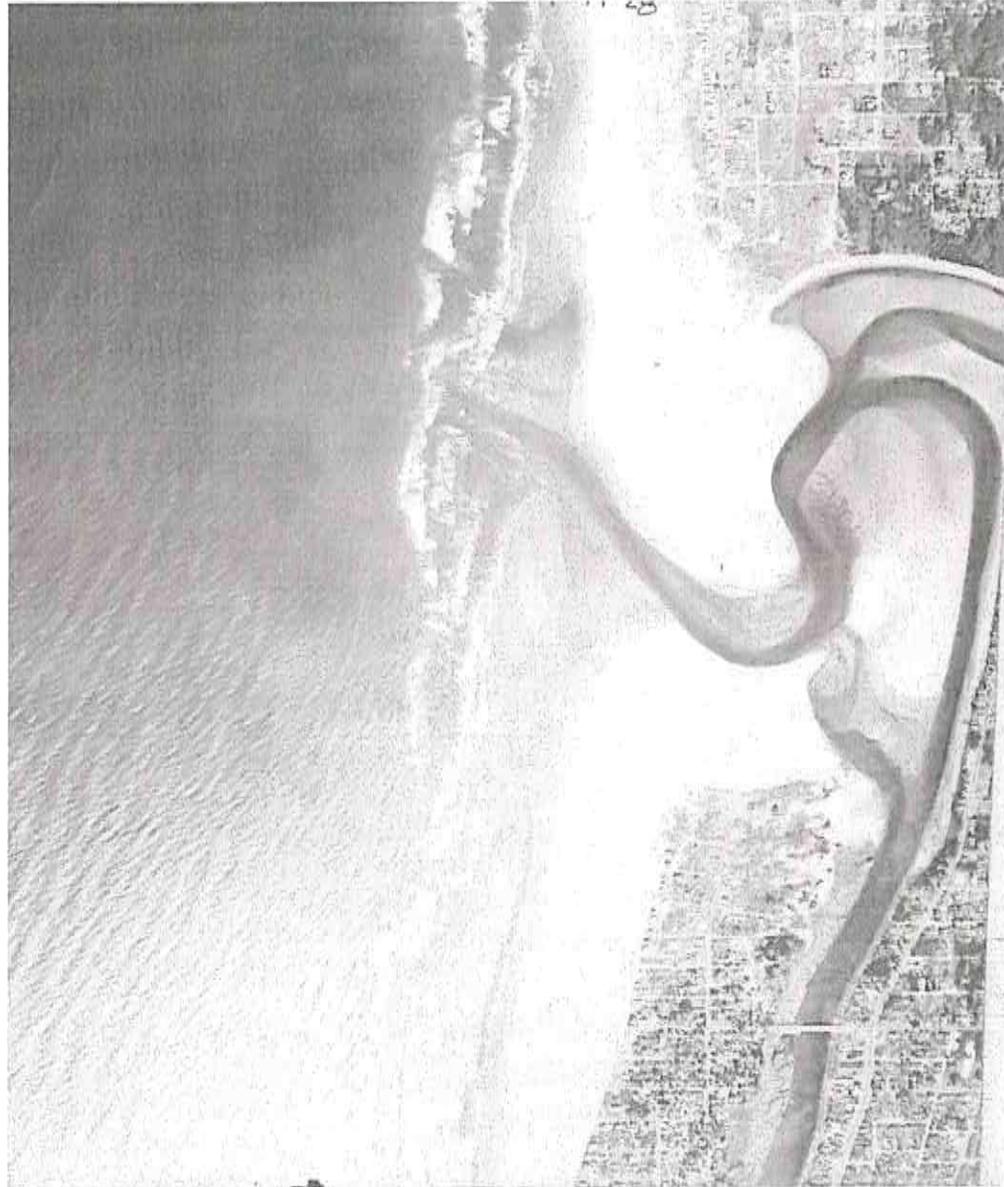
# 1948-49

Bad storms that winter caused massive erosion at the north end of town and threatened the City's sewer treatment plant. The Corps of Engineers mobilized and designed and constructed an emergency repair. A rock revetment was built that spanned from near the end of Columbia Street, across the north end, almost to the banks of the Necanicum River. These plans were discovered in the Portland office archives several years ago.

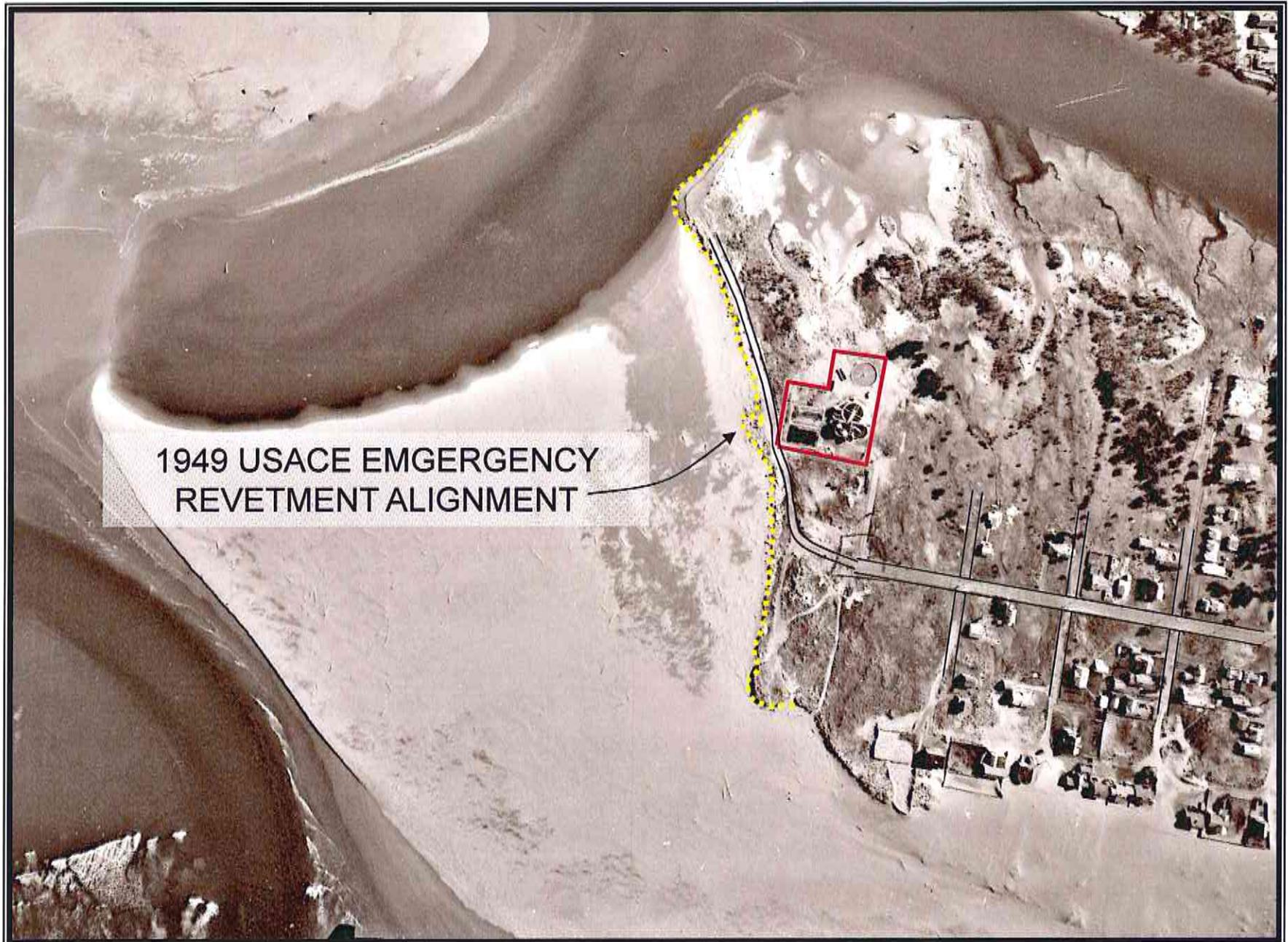


# 1953

The Revetment is in place and working. Sand has built up substantially north of the Corp's repair work.



# Seaside WTP Area 1963



# 1966

By 1966 a long finger of land has developed. It is over 1500 feet from The sewer plant out to the point. There was enough land north of the Plant that it started to attract developers.

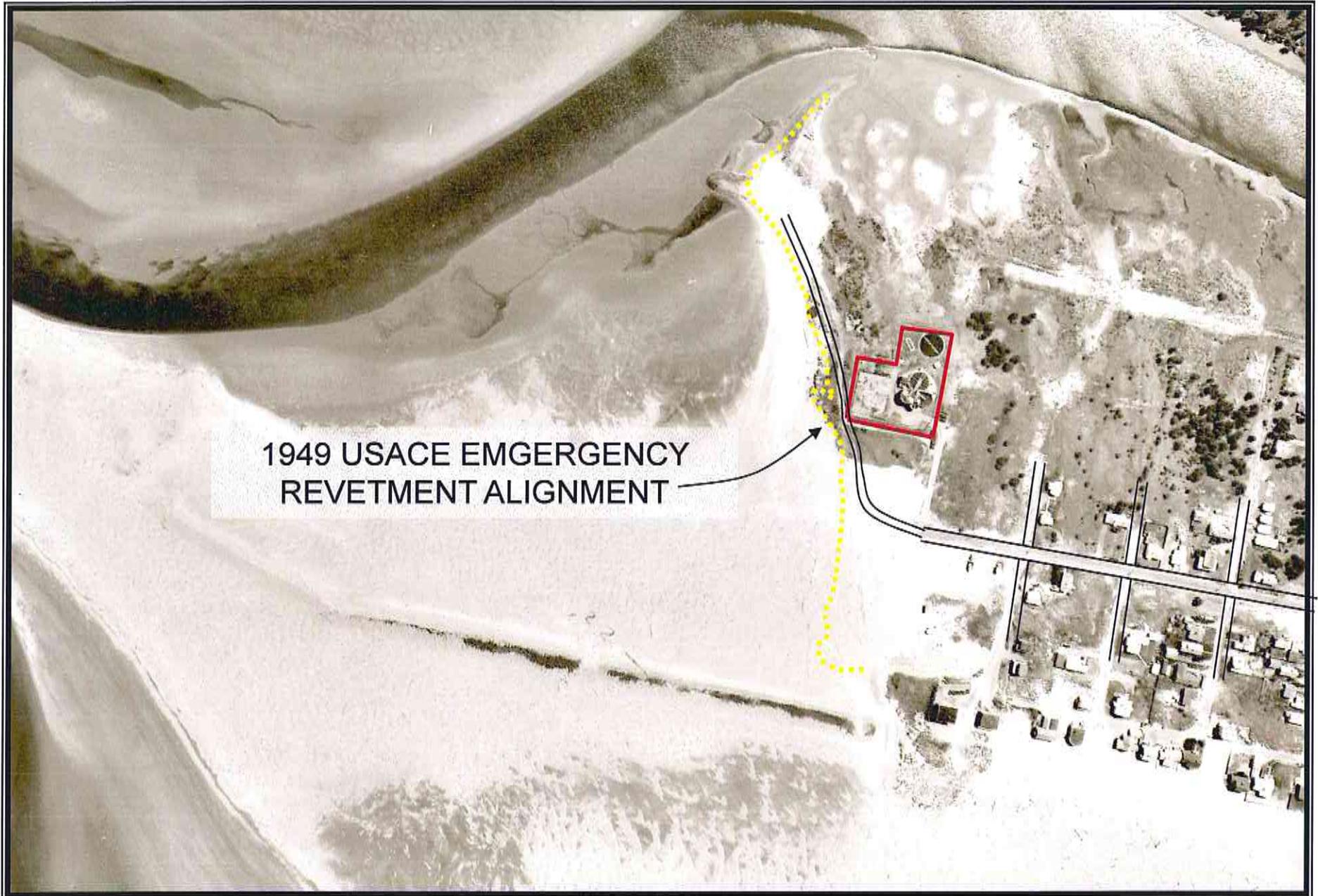


# 1967

Shortly after the 1966 photo a developer got permission to mine sand off of the Seaside beach. He moved Countless thousands of cubic yards of sand up to the north of the plant and then armored the west face up and around the end of the spit.

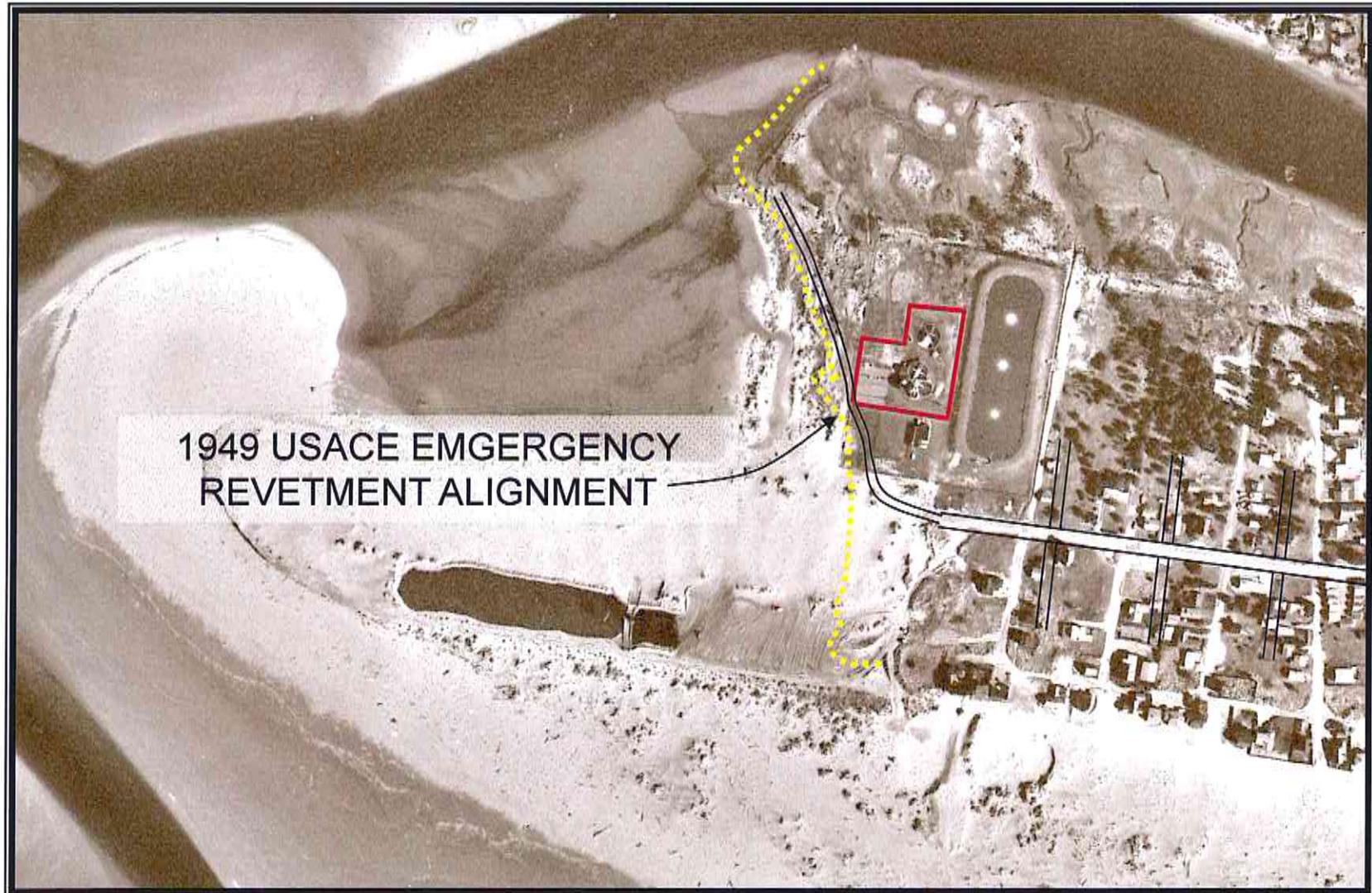


# Seaside WTP Area 1968



# 1978

Notice how the brush and vegetation are starting to take hold. The developer had been stopped on a shell fish bed violation and was ordered to cease and desist. He appealed the decision all the way to federal court where the justices ruled that states had the authority over their coast and waters. He did not have to remove any of the material he had placed, just let nature take its course.



# 1989

Several note worthy items in this photo: The new sewer plant was opened in 1986 (the old is outlined in red). The mitigation area for Quatat Park, located east of the plant had been completed. Vegetation was well Established over most of the north spit. Notice how close in and heading south the river channel was.



# 1995

The river mouth during this time was shown at low tide to be as far south as the Best Western between 4<sup>th</sup> and 5<sup>th</sup> Avenues.



# 1998

After back to back years of 100 plus inches of rain, the decision to not allow housing on the north spit was proven to be a good one. The Necanicum began reclaiming its estuary. Notice the island that was created and the vegetation on it. You will see it many more times, but not like this.



# 2002

Can you see in the distance the island from 1998? It is now attached to Gearhart.



# January 2004

The river channel was making a real push to the south. If you look closely toward the Foreground in the channel you can see remnants of the rock used in 1967.



# December 2004



# December 2004

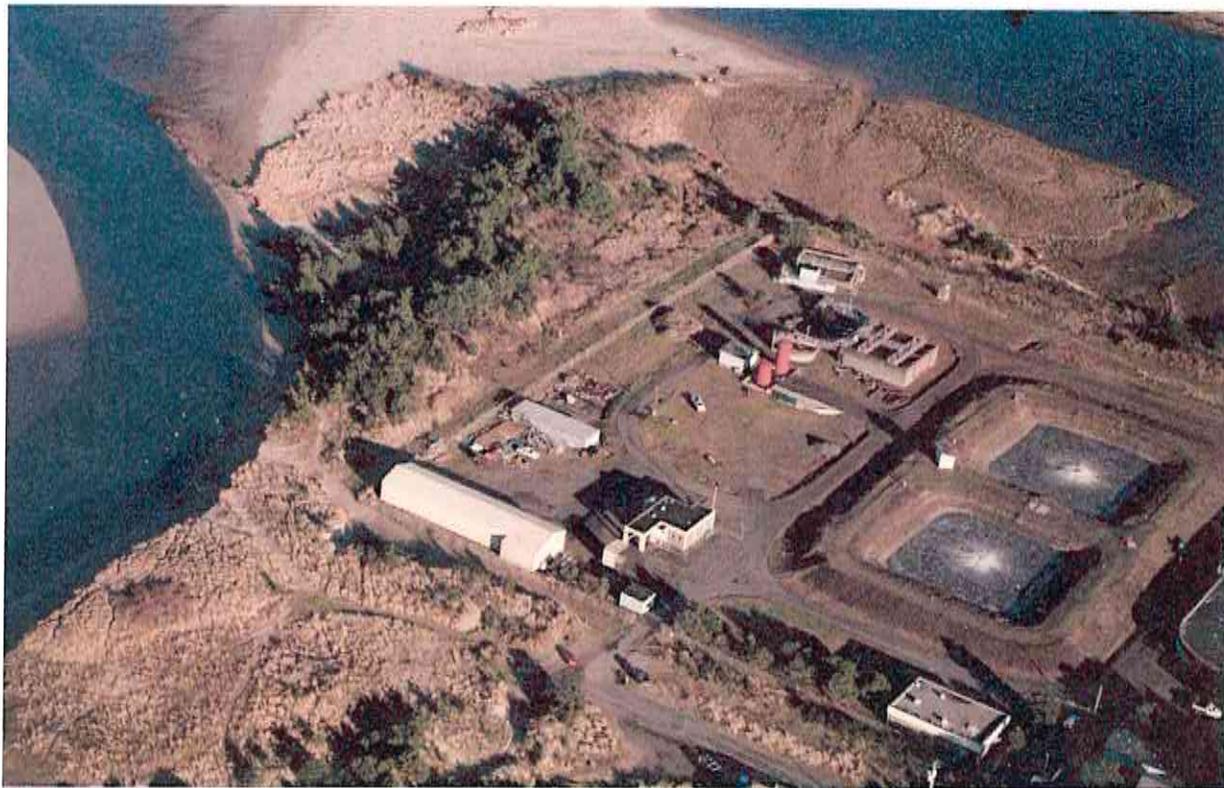


# January 2005

A very different angle with sewer plant in the extreme upper left hand corner. Can you still find The remains of the "island". It's in the upper center of the photo, now completely Incorporated into Gearhart. Notice how well the vegetation in Gearhart is established.



# January 2005



# Seaside WTP Area - Jan 2005 #1



# August 2011

Notice that the channel is meandering around the bay but that the island is once again an island. You can clearly see the three drainages; Necanicum, Neawanna, and Neacoxie. During this time Gearhart residents were concerned with erosion and it got worse on the north for the next months.



# March 2013

The bank is only 30 feet from the northwest corner of the plant. You can see the "island at the tip of the whale's tale, now attached to Gearhart in a different way.



# April 2013

Now it is 25 feet from the corner and we are losing more pine trees every day. As alarming as this appears, it has still not come in contact with the revetment the Corps of Engineers placed Back in the 40's. As we come into summer and the prevailing winds come out of the northwest, We often see sand start to build back in and the channel start to normalize. Let's hope.

