

August - October 2016

Kissimmee River Restoration Project and Kissimmee Basin Environmental and Restoration Features

Photography by Brent Anderson
Environmental Scientist
Applied Sciences Bureau
South Florida Water Management District
branders@sfwmd.gov



August 24, 2016

The final loads of backfill spoil for Reach 3 are loaded and hauled across the floodplain.



August 24, 2016

Degrading of the spoil pile in the Reach 3 construction area.



August 24, 2016

The final loads of spoil for Reach 3 C-38 backfill are hauled across the floodplain.



August 24, 2016

The C-38 canal has been backfilled, leveled and graded in the Reach 3 construction area, northern section just below HW98.



September 1, 2016

Reach 3 C-38 backfill



September 1, 2016

Lower section of Reach 3 backfill. This section of backfill was completed a couple months ago, and the backfill is beginning to vegetate.



September 1, 2016

Lower section of Reach 3 backfill. This section of backfill was completed a couple months ago, and the backfill is beginning to vegetate.



September 12, 2016

Increased flows in the Kissimmee River allowed water to flow across the Lower section of the recently backfilled Reach 3 construction area.



September 1, 2016

Lower section of Reach 3 backfill. This section of backfill was completed a couple months ago, and the backfill is beginning to vegetate. Also washout channels can be seen that were caused by high flows over the backfill immediately after it was completed



September 9, 2016



September 12, 2016

Lower section of Reach 3 backfill looking north. This section of backfill was completed a couple months ago. Here is a before and during of high flows (~5000 cubic feet per second).



September 28, 2016

Lower section of Reach 3 restoration area. This area is where the spoil pile once was located from the channelization of the Kissimmee River. The spoil has been removed from this area and has been degraded to the historical floodplain depth.



September 1, 2016

A Florida banded water snake peeks out from his lair in this hollow cypress knee on Marion Creek after a long rainy night.



September 1, 2016

A green treefrog clings onto a hibiscus bud in the Phase I restoration area floodplain.



September 1, 2016

An intense storm quickly builds and sweeps across the lower Reach 3 restoration area of the Kissimmee River.



September 1, 2016

An evening storm quickly builds and sweeps across the Phase I restoration area of the Kissimmee River.



August 18, 2016

Looking southeast from HW98 at the Reach 3 backfill progress.



August 18, 2016

Looking northwest at the Reach 3 backfill progress.



August 18, 2016

Looking south at the Reach 3 backfill progress.



August 18, 2016

Looking northwest at the Reach 3 backfill progress.



October 11, 2016

Looking north at the north section of the Reach 3 backfill, which was completed by the end of August and shortly after was inundated with high flows.



October 11, 2016

Looking north at the southern section of the Reach 3 backfill under high flows.



October 11, 2016

Looking north at the Reach 3 backfill area. Backfill of Reach 3 was completed at the end on August and water levels rose and inundated the area immediately after completion.



October 11, 2016

Looking southwest at the Reach 3 backfill area. Backfill of Reach 3 was completed at the end on August and water levels rose and inundated the area immediately after completion.



October 11, 2016

Looking south along the southern section of Reach 3 backfill and spoil degrade area.



October 11, 2016

Looking north at the Reach 3 construction area.



October 11, 2016

Looking west up toward Riverwoods Run and northwest up the C-38 canal: Areas upstream of the Reach 3 C-38 backfill has experienced water backing up in the Reach 2 area. Construction to backfill this section of the canal will begin in 2017.



October 11, 2016

Looking southeast down toward Riverwoods Run at the CSX structure.



October 11, 2016

Looking northwest up toward Riverwoods Run at the CSX structure where the U.S. Army Corps of Engineers has begun staging to remove the large mat of floating vegetation north of the structure.



October 11, 2016

Looking north up the MacArthur Ditch backfill project. The contractors are done hauling spoil, and are temporarily on hold until the water levels recede below final grade height before they can level the haul road.



October 11, 2016

Looking south down the MacArthur Ditch backfill project. The contractors are done hauling spoil, and are temporarily on hold until the water levels recede below final grade height before they can level the haul road.



October 11, 2016

Looking north up near the southern section of Phase I, just above the MacArthur Ditch construction site.



October 11, 2016

Looking south at the phase I restoration area river channel and floodplain.



August 1, 2016

A limpkin flies off with an apple snail over the Phase I restoration area river channel.