Questions	Responses
	o the technologies that were evaluated for the Study.
	We are using the CTS mixture, which includes clay, tire crumbs and fine sand. All have sorption attributes that are good for nutrient removal and are made from local materials. The concept for this site is to use sands from the project area in this mix.
	Coagulants are more frequently used in treatment and water quality projects than habitat restoration projects. The most common is alum which has been used in lake restoration projects. This ties into the question about why alum instead of another coagulant. Alum is more proven at these larger scales than other coagulants. There are other
Why alum rather than another coagulant?	chemicals that go with the alum to help with buffering pH. This would be a rebuild of the media layer by physically removing the
	media bed. That would be 5 feet of media depth for this project. The media would be removed using mechanical means and replaced with media created onsite. Implementation at this scale has not been done but has been done on smaller scales.
	DEP will certify the operation of the reservoir after the operational testing monitoring phase, which will be after construction is complete. This is part of all CERP projects. This would occur around 2024 and DEP will work with SFWMD to permit those operations through the CERP process.
	Alum has been permitted by DEP going back to the 1980s. It has shown very effective treatment and is easy to manage. The City of Tallahassee uses alum in several location and they have the oldest system since 1984. The city has managed the output and the pH to prevent problems with alum. There was one system that they had to scale back because it was removing too much nutrients. Alum is very effective and easy to monitor. Alum systems would get an Environmental Resource Permit (ERP) and also a National Pollutant Discharge Elimination System (NPDES) permit, which would have
Does alum change the physical, chemical, or biological conditions	
	Coagulants are more frequently used in treatment and water quality projects than habitat restoration projects. The most common is alum which has been used in lake restoration projects. This ties into the question about why alum instead of another coagulant. Alum is more proven at these larger scales than other coagulants. There are other
How are coagulants being used in other restoration projects?	chemicals that go with the alum to help with buffering pH. Process control monitoring includes the testing and instrumentation
	needed to operate each technology successfully and efficiently. The equipment and costs for process control monitoring are built into the construction and O&M costs for all the technologies evaluated.
	The experimental application of clays have been investigated for the control of harmful algal blooms in the US, Florida, and internationally. Pilot study results show effective algal bloom reduction and phosphorus removal. Nitrogen removal results show a more variable response. For this study, our focus was on the use of innovative and
disperse clay on the reservoir. It would be cheaper than the Bold and Gold, has been proven to treat harmful algal blooms in	alternative technologies currently accepted by the FDEP for water treatment, which does not include a clay application technology or commercial vendor. As clay application technology grows in case
Southeast Asia and the residuals are not harmful and consist of a very fine layer	studies and acceptance, this approach could aid future management of water quality in the reservoir, if it becomes necessary. Bold and Gold is a proprietary product. UCF has eight U.S. patents
Is Bold and Gold a proprietary product?	and two trademarks for B&G and it is licensed to ECS Inc. for distribution and application.
Will any of the technologies evaluated adversely impact dissolved	The technologies will not adversely impact dissolved oxygen. The technologies will reduce nutrient concentrations and the potential for algal blooms, which should help dissolved oxygen in the system.

	The project cannot affect the flow going downstream to the estuary. We looked at a snapshot of water quality data from the last 10 years. We did not forecast any increases in nutrients. We did this for comparison purposes to compare the technologies as apples to apples. The sizing of these systems is based on flows and
	We did not forecast any increases in nutrients. We did this for comparison purposes to compare the technologies as apples to
	We did not forecast any increases in nutrients. We did this for comparison purposes to compare the technologies as apples to
	comparison purposes to compare the technologies as apples to
	apples. The sizing of these systems is based of hows and
	leanaghtrations. If we are an increase, there may be a need for
	concentrations. If we see an increase, there may be a need for
	additional facilities and acreage for treatment. The benefit of alum is
Does this study take into account an increase in nutrients coming	
into the C-43 as there is more nutrient used in South Florida.	residuals. There is the ability to scale up for flows and concentrations.
Would increase of nutrients coming in slow the removal and the	It would not slow removal but may require a change in operations and
target cfs?	additional features.
Great info on alum Ed. Thank you.	Thank you!
An excellent presentation and detailed responses to the	
questions! Great job Team!	Thank you!
	The draft manual should be in DEP's OCULUS system. If you cannot
	find it, you can email Ed Smith at DEP for a copy of the draft
Is the C-43 reservoir draft operating manual available online?	operations manual.
Please type in any questions you have relate	d to the C-43 West Basin Storage Reservoir Project.
	As part of the project design, it went through U.S. Army Corps of
Have the dam safety issues been resolved with respect to	Engineers and independent peer review for safety issues related to
material used?	construction of the dam.
	This question has come up before. This reservoir was designed to
	regulate flows to the river and estuary and a water quality component
Don't think I understand why the question we're trying to answer	was not included at the time it went through the Project
today was not incorporated into the original study?	Implementation Report (PIR) process.
	The reservoir is pulling water in from the C-43, holding it in the
	reservoir, and transferring it out. The waters are not separate from
Will the reconneit he energials if water eviting does not most wate	
Will the reservoir be operable if water exiting does not meet water	
quality standards?	not apply.
	On the project website, there is detailed information on the projects
	including reports and our Information Collection Summary Report.
Will there be an opportunity to clarify and provide more	Additional information can be sent to the team for consideration in the
information on a technology?	next draft.
	One of the concepts is to use the reservoir during the dry and cooler
	seasons so we can count on some degree of better water quality
	during that season for discharge. We can also recirculate water within
How will adaptive management be used in reservoir operations to	
mitigate water quality impacts?	discharges.
	The budget for the water quality treatment component has not been
	determined. The next phase of the project will evaluate costs in more
Do you know if there is an actimated hudget for this project?	detail.
Do you know if there is an estimated budget for this project?	
	The draft manual should be in DEP's OCULUS system. If you cannot
	find it, you can email Ed Smith at DEP for a copy of the draft
Is the C-43 Reservoir draft operating manual available online?	operations manual.
	The website has an email address where we will continue to take
	comments or information up until the completion of the Study. We
	would appreciate any comments by mid/late August when we will be
	starting to work on finalizing the Study. On the Working Group website
	for the project there is a lot of information for review. In the Work Plan,
	the contact information for the Working Group and J-Tech is included
	so you can reach out directly but we encourage everyone to use the
What is the deadline for comments?	email address.
	Dissolved air flotation was considered as one of the top ten
	· · ·
	technologies. However, it did not rank high enough to be considered in
Was dissolved air flotation considered as a technology?	technologies. However, it did not rank high enough to be considered in the recommended alternatives.
Was dissolved air flotation considered as a technology? Isn't the team doing this study impressive?	technologies. However, it did not rank high enough to be considered in

Questions	Responses
	We would revisit the alternatives that were selected if we thought there
	would be a major change in the cost-benefit analysis. We conducted a
	sensitivity analysis on the cost-benefit based on information received.
	If there are new data available that we have not seen before but it
	would have to be a fairly big change in the ranking to change results.
	There may be people who have concerns about how this ranking
	affects project in the future. Whatever is ranked #1 here is not
	necessarily the project that will be implemented. We will use the
	results from this study in the next phase with other information on land
	availability, timing, other priorities, how things work together, etc. We
	would then determine the final project. SFWMD has budgeted to
	further evaluate the top alternatives and are looking to have one recommendation in early 2021, which could be one or a combination of
	technologies. This alternative would go forward with design,
Is there any chance ranking of alternatives will be revisit given	permitting, and construction to be done concurrently with completion of
input today?	the reservoir.
	The Feasibility Study is the first step in the process for the water
	quality treatment project. The Study is evaluating different
	technologies to determine the most applicable for the reservoir. The
	next phase of the project will evaluate the recommended alternatives
	to identify one project alternative that will go to design, permitting, and
What is the process for identifying, designing, and funding the	construction. Funding sources for the project will be determined in the
water quality treatment project?	next project phase.
	The water in the reservoir is Waters of the US so it would qualify under
Please clarify that the water transfer rule exempts discharges	the water transfer rule. Water is simply being held for use at a later
from WQBELs.? Isn't this team doing this study impressive?	date. Thank you!
	n Zoom Participants
	This has been a common and frequent topic as alum technology has
	been implemented over the last 30 years. Studies by Harvey Harper
	from projects in central Florida are cited in our report and are available
	on the SFWMD project website. The HWTT technology also has
	reports summarized from Watershed Technologies as they have
	implemented this technology for SFWMD over the last several years.
Where can I find studies on aluminum toxicity, or studies related	Additional details are posted on the C-43 website and the link will be
to the HWTT, to the flora and fauna at the discharge site?	provided at the end of the presentation.
I remember in the first meeting an alternative was discussed where some type of absorption media was built in to the walls of	We have to dismiss any alternates that result in a reconfiguration of
the reservoir itself. Did I miss that today or was it dropped from	the authorized project for the reservoir. Therefore, this option had to
consideration?	be dropped from consideration.
	The vendor that developed this approach does have a partner for the
	management of residuals that would make residuals into fertilizer. This
	would offset the costs depending on the availability to use the solids
If using a technology that provides reusable fertilizer, what would	as fertilizer, and this information is summarized in the report. It does
be the costs to produce the fertilizer and can the sales be used to	help to defray some of the costs although there are significant capital
affect bulk of easter	costs with this technology.
offset bulk of costs?	
UNSEL DUIK OF COSTS ?	The wetaculture concept is one that takes a land area and has it cycle
	over the years between some type of crop rotation and flooding fields
Bill Mitsch from Florida Gulf Coast University has described a	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT.
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it accumulates over time. Other facilities, like the NuRF in Lake County,
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it accumulates over time. Other facilities, like the NuRF in Lake County, have managed residuals for years. They have used it for soil
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property)	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it accumulates over time. Other facilities, like the NuRF in Lake County, have managed residuals for years. They have used it for soil amendments and soil addition in restoration projects. The material has
Bill Mitsch from Florida Gulf Coast University has described a process he calls "wetaculture." It involves working with farmers to create incentives for "soaking" fields (using portions of property) as wetlands. Is this similar to the hybrid you described?	over the years between some type of crop rotation and flooding fields to allow those lands to become wetlands. This approach uses internal recycling where nutrients are trapped in the sediments in the system by the wetlands so that crops can use the nutrients instead of applying additional fertilizer. This is not the same technology as the HWTT. This is the crux with using a chemical coagulant because it accumulates over time. Other facilities, like the NuRF in Lake County, have managed residuals for years. They have used it for soil amendments and soil addition in restoration projects. The material has also been proposed for use as a wetland subgrade for constructed wetlands since it has the ability to absorb phosphorus removal over

Why has the reservoir been exempted from meeting TMDL or BMAP requirements? river an Do you have an acreage for the treatment marsh (STA) if that is the selected alternative? this will How come STAs received a zero for land requirements? Does zero means that it requires land? Zero m and it is be read draft report before the expected December 2019 report? A draft report before the expected December 2020 final? The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking? Will not to treat what is river an An app this will An a	d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Why has the reservoir been exempted from meeting TMDL or BMAP requirements? river an Do you have an acreage for the treatment marsh (STA) if that is the selected alternative? this will How come STAs received a zero for land requirements? Does zero means that it requires land? Zero m and it is be read draft report before the expected December 2019 report? A draft report before the expected December 2020 final? The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking? Will not to treat what is river an An app this will An a	t achieve reduction to meet the entire TMDL. The Study goal is it the water to ensure the quality is as good if not better than is going into the reservoir to help improve water quality for the nd estuary downstream. proximately 5,000-acre STA would be needed, and details on Il be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Why has the reservoir been exempted from meeting TMDL or BMAP requirements?to treat what is river arDo you have an acreage for the treatment marsh (STA) if that is the selected alternative?An app this willHow come STAs received a zero for land requirements? Does zero means that it requires land?Zero m score for The Inf and it is be read finalizeDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?We did varied to difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?This is	t the water to ensure the quality is as good if not better than s going into the reservoir to help improve water quality for the nd estuary downstream. proximately 5,000-acre STA would be needed, and details on II be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Why has the reservoir been exempted from meeting TMDL or BMAP requirements?what is river an or you have an acreage for the treatment marsh (STA) if that is the selected alternative?An app this will this will Zero means that it requires land?How come STAs received a zero for land requirements? Does zero means that it requires land?Zero m score for The Inf and it is be read finalizeDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?The Inf and it is be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did varied to did not This is	s going into the reservoir to help improve water quality for the nd estuary downstream. proximately 5,000-acre STA would be needed, and details on II be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
BMAP requirements? river ar Do you have an acreage for the treatment marsh (STA) if that is An app the selected alternative? this will How come STAs received a zero for land requirements? Does Zero m zero means that it requires land? Score for Do you have an written update to the September 2019 report? A The Inf draft report before the expected December 2020 final? We did The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the sensitivity in the scoring to differentiate in the score and ranking? We did not	nd estuary downstream. proximately 5,000-acre STA would be needed, and details on Il be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Do you have an acreage for the treatment marsh (STA) if that is the selected alternative?An app this willHow come STAs received a zero for land requirements? Does zero means that it requires land?Zero m score for The Inf and it is be read finalizeDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?We did varied to draft report before the expected December 2020 final?The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did this is	proximately 5,000-acre STA would be needed, and details on Il be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
the selected alternative?this willHow come STAs received a zero for land requirements? Does zero means that it requires land?Zero m score for score for The Inf and it is be read finalizeDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?The Inf and it is be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did uried to this is	Il be discussed later in the presentation. neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
How come STAs received a zero for land requirements? Does zero means that it requires land?Zero m score frZero means that it requires land?The Inf and it is be read finalizeDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?The lnf and it is be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did urited to this is	neans it requires a high amount of land so it received the lowest for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
zero means that it requires land?score feDo you have an written update to the September 2019 report? A draft report before the expected December 2020 final?The Inf and it is be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did varied is did not This is	for land requirements. formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
The Inf and it is Do you have an written update to the September 2019 report? A draft report before the expected December 2020 final? The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking? This is	formation Collection Summary Report was finalized in early April is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Do you have an written update to the September 2019 report? A draft report before the expected December 2020 final?and it is be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did varied to did not This is	is posted to the project website. The Draft Feasibility Study will dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
Do you have an written update to the September 2019 report? A draft report before the expected December 2020 final?be read finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did varied to did not This is	dy in about one month for public review before the Study is ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
draft report before the expected December 2020 final?finalizeThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?We did varied to differentiateThis is	ed. d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
We didThe difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in differentiate in the score and ranking?We did varied differentiate did not This is	d do a sensitivity analysis, which is part of the report, where we the highest ranked criteria. This analysis did not show a
The difference in score from the second and third place (tie) and fourth place technology is one point. Is there enough sensitivity in the scoring to differentiate in the score and ranking?varied to differentiateThis is	the highest ranked criteria. This analysis did not show a
fourth place technology is one point. Is there enough sensitivity in differer the scoring to differentiate in the score and ranking? did not This is	
the scoring to differentiate in the score and ranking? did not This is	ntiation in the top four technologies. The combination of weights
This is	t have an effect on where technologies were ranked.
	the typical rate of flow we are expecting to see discharged from
Can you clarify how the 457 cfs was incorporated into the design the res	servoir. The working hypothesis is that what discharges has to
	ual to or better than what is in the river, which drove our
• •	
-	ent goals. We needed to treat a substantial flow to meet design
	s for treatment.
	vas addressed and considered in review of the ten technologies.
	is case experience where the filtration media, wetlands, and
	ilters can all be dry for periods of time so they can treat the
	I variation of flows. Technologies that are more chemically or
	cally driven can be turned off. Technologies had to sustain zero
	to have gotten this far in the evaluation.
	nd no. Ancillary water quality impacts and benefits were wrapped
•	he habitat creation and value to wildlife attribute. If a particular
	plogy had a negative impact then that would be reflected in those
	tes. Other water quality parameters were not included in ranking
	tandalone attribute.
	nal costs were the net present values that included the capital
	or the technology, infrastructure requirements to deliver water to
	chnology and deliver it back, and associated O&M costs for both
	yance and technology. The technologies were evaluated in
	of pounds of TN, TP, and TSS removed.
	arting inflow concentrations that were used for TN, TP, and TSS
	based on a statistical evaluation of water quality data in the C-43
· · ·	present average inflow conditions for the reservoir.
Yes, th	his is included in the O&M costs for both the alum treatment and
HWTT	A cost estimate is included to pump the floc from settling
Did the cost benefit analysis of alum treatment assume that the basins	to drying facilities. Therefore, costs for both extraction and
floc would be removed? process	ssing and drying are included.
Did the cost include dealing with the residuals? Yes, as	s part of the O&M.
We are	e not certain what water quality changes will occur in the
reserve	oir but there should be a retention of nutrients. Therefore, we
are ass	suming a conservative case because water quality will likely be
"Equal to or better" than the water quality that's already in the better.	The design targets represent typical water quality in the river
	the dry season when there would be a discharge from the
5	oir. This is not a simple target to treat to so we set a somewhat
.	nging requirement for nutrient reductions.
	tion in the reservoir and retention of nutrients could result in
	production. This is reflected in the TSS goals that we asked the
How does the stagnant conditions of the reservoir affect algae in algal p	