

BRYANT WATER UTILITIES

NON-COMPLIANCE LETTER

September 19, 2012

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
5301 NORTHSORE DRIVE
NORTH LITTLE ROCK, AR 72118-5317
ATTN: ENFORCEMENT OFFICER

RE: NPDES PERMIT NO: AR0034002

CITY OF BRYANT, WWTP
1019 SW 2ND ST.
BRYANT, AR 72022
(501) 943-0469
GREGG ASHER

DATE OF NON-COMPLIANCE	PARAMETER EXCEEDED	CONCENTRATION	7-DAY	PERMIT LIMITS
8/12	AMMONIA NITROGEN	2.9 mg/l		2.4 mg/l
8/7-9/12	AMMONIA NITROGEN		9.5 mg/l	6.1 mg/l

WE FEEL THIS PROBLEM WAS DUE TO:
DURING THE SECOND WEEK OF AUGUST HIGH FLOW INTO THE WASTE TREATMENT FACILITY OVERLOADED THE 1 MGD PROCESS CREATING LESS DETENTION TIME . WE BELIEVE THAT THERE WAS NOT AN ADIQUIT AMOUNT OF NITRIFYING BACTERIA IN THIS BIO-MASS TO CHANGE THE AMMONIA AND ORGANIC NITROGEN INTO OXIDIZED NITROGEN. AS A RESULT WE WERE OVER OUR 7-DAY WEEKLY LIMIT DURING THE SECOND WEEK OF AUGUST. AS A RESULT OF THIS WEEKS RESULTS IT ALSO PUT US OVER OUR MONTHLY CONCENTRATION LIMIT, IF NOT FOR THOSE RESULTS OUR CONCENTRATION FOR THE MONTH WOULD HAVE BEEN WELL BELOW OUR LIMIT.

WE PLAN ON CORRECTING THE PROBLEM IN THIS MANNER:
FLOW FROM THE 1 MGD PROCESS WAS REDUCED AND TREATED IN THE FACILITIES 2 MGD PROCESS

TIME ESTIMATED THAT IT WILL TAKE:
THE RESULTS ON THE ANALYSIS TAKEN THE NEXT WEEK ON THE 14th OF AUGUST WERE 0.151 mg/l.

SINCERELY,


GREGG ASHER
TREATMENT SUPERINTENDENT
CITY OF BRYANT WATER & WASTEWATER