Declassified E.O. 12356 Section 3.3/NND No. 785019

ACC 062/PWU

10000/150/24
(VOL. 2ND)

Declassified E.O. 12356 Section 3.3/NND No. 785019

10000/150/24
(VOL. 2ND)

WATER, GENERAL
NOV. 1944 - JUNE 1946

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081
Ext: 317

LWL/ac

HEADQUARTERS ALLIED COMMISSION
APO 794
Industry and Utilities Branch

136

062/PWU 29 June 1946

SUBJECT: Water Supply - Florence

TO : Allied Force Headquarters
G-5 Section
(Attn: Asst. Chief of Staff)

1. Reference is made to your letter 8 June, file M-3, and this Headquarters' letter to the Ministry of Public Works dated 14 June, reference 062/PWU.

2. Enclosed for your information are copies of letters wherein the Ministry of Public Works has requested the Commissioner of Public Health of the Ministry of Interior to make such necessary financial arrangements as will insure continuation of proper treatment of the Florence city water supply.

3. Your Headquarters will be informed of further developments.

FOR THE CHIEF COMMISSIONER:

LOUIS W. LAUGHLIN
Major, C.E.
Acting Deputy Director

4 Enclosures --letter dated 19 June 1946, ref. no. 2298, from Min. Pub. Wks. to A.C. — 133

letter dated 19 June from Min. Pub. Wks. to High Commissioner on Public Health, Min. of Interior (Italian and English) — 134

letter dated 29 June 1946, ref. 062/PWU, from A.C. to President of the Superior Council, Min. Pub. Wks. — 135

2723

Declassified E.O. 12356 Section 3.3/NND No. 785019

file

Tel: 489081
Ext: 317

HEADQUARTERS ALLIED COMMISSION
APO 794
Industry and Utilities Branch

IND/cc

135

062/IND

29 June 1946

SUBJECT: Water Supply - Florence

TO : President of the Superior Council
Ministry of Public Works

1. Receipt is acknowledged of your letter of 19 June on the above subject.

2. Please inform this Headquarters of any decisions reached by the High Commissioner of Public Health.

LOUIS W. IAUGHLIN
Major, C.E.
Acting Deputy Director

cc: Allied Force Headquarters
G-5 Section

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTRY OF PUBLIC WORKS
Superior Council
Electrical Division

Rome 19 June 1946

SUBJECT: Sterilization of water in the Commune of Florence

TO : High Commissioner on Public Health - Presidence of Council, Rome

Copy to: Florence Commune -
Genio Civile Office - Florence

Allied Commission reported that they are very anxious as to the purification of water in the Florence Commune, in case this is to be made with a lesser amount of chemicals, as requested by the Commune.

Serious danger to Allied troops in Florence and to civilians might be brought about due to the vicinity between water pipes and sewages, both being in unsatisfactory condition.

Allied Commission therefore requested us to take the quickest action in order to enable the Commune to maintain the present purification process, thereby supplying it with the necessary chemicals and granting the required financial assistance.

We therefore beg to request that High Commissioner to assist the Commune of Florence and take all necessary steps to maintain that purification process also in the future, thus avoiding a serious danger to the people.

PRESIDENT VISENTINI

1314

MINISTERO DEI LAVORI PUBBLICI

Consiglio Superiore
Servizio elettricità

R o m a

Roma, 19 giugno 1946

All'ALTO COMMISSARIATO PER LA SANITÀ'
PUBBLICA - presso la Presidenza
del Consiglio

R o m a

e p.c. :

Al COMUNE di

F i r e n z e

All'UFFICIO DEL GENIO CIVILE di

F i r e n z e

n. 2338

Oggetto: Purificazione dell'acqua per la città di Firenze.

La Commissione Alleata ha comunicato la propria apprensione nel caso in cui la purificazione dell'acqua per la città di Firenze dovesse essere disimpegnata, come chiesto dal Comune, con delle quantità di prodotti chimici minori delle attuali. La vicinanza di tubazioni d'acqua, di fognature e lo stato delle une e delle altre rappresenta infatti un grave pericolo sia per le truppe alleate dislocate a Firenze sia per i civili.

La Commissione Alleata ha perciò vivamente interessato lo scrivente perchè il Comune sia messo in grado, con la massima sollecitudine, di continuare il servizio di depurazione nella misura attuale, fornendogli i prodotti chimici necessarî e i mezzi finanziarî corrispondenti.

Lo scrivente si rivolge a codesto Alto Commissario affinchè voglia compacersi di venire in aiuto al Comune di Firenze e di dare tutte quelle disposizioni che riterrà opportuno perchè in avvenire

Declassified E.O. 12356 Section 3.3/NND No. 785019

ROMA

e p.c. :

Al COMUNE di

Firenze

All'UFFICIO DEL GENIO CIVILE di

Firenze

Oggetto: Purificazione dell'acqua per la città di Firenze.

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La Commissione Alleata ha perciò vivamente interessato lo scrivente perchè il Comune sia messo in grado, con la massima sollecitudine, di continuare il servizio di depurazione nella misura attuale, fornendogli i prodotti chimici necessari e i mezzi finanziari corrispondenti.

Lo scrivente si rivolge a codesto Alto Commissario affinchè voglia compacersi di venire in aiuto al Comune di Firenze e di dare tutte quelle disposizioni che riterrà opportuno perchè in avvenire sia assicurato un servizio così importante ed evitato un grave pericolo per la popolazione.

IL PRESIDENTE
DEL CONSIGLIO SUPERIORE
(Ing.M.Visentini)

AA/ac

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI

Consiglio Superiore
Servizio Elettricità

R o m a

Rome, 19th June 1946

HEADQUARTERS ALLIED COMMISSION
Industry and Utilities Branch

R o m e

n. 2298

133

Subject: Water supply - Florence.

131

Answering your letters M-3 dated 8th June 1946 and 062/PWU dated 14th June 1946, we are handing you a copy of a letter sent to the High Commissioner for Public Health-Ministry of Interior, to the Commune of Florence and to the "Ufficio Genio Civile" - Florence, in order to settle the above mentioned matter.

132

STRY & UTILITIES S/C
27 GIU 1946

IL PRESIDENTE
DEL CONSIGLIO SUPERIORE
(Ing.M.Visentini)

M.Visentini

Declassified E.O. 12356 Section 3.3/NND No. 785019

R o m a

Industry and Utilities Branch

n. 2298

R o m e

Subject: Water supply - Florence.

133

131

132

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STRY & UTILITIES S/C
27 GIU 1946

IL PRESIDENTE
DEL CONSIGLIO SUPERIORE
(Ing.M.Visentini)

2719

AA/ac

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Tel: 489081
Ext: 317

Cent File

130/38

HEADQUARTERS ALLIED COMMISSION
APO 794
Industry and Utilities Branch

132

062/FWD

14 June 1946

SUBJECT: Water Supply - Florence

TO : Ministry of Public Works
(Attn: Prof. A. Asta)

1. This confirms our conversation with respect to the purification of water supply for Florence and the placing in your hands of a copy of Allied Force Headquarters' letter dated 3 June 1946, file reference M-3, dealing with the subject.

2. This Headquarters will appreciate early information with respect to the arrangements for financing the cost of maintaining chlorination at 0.6 mgm. per litre.

Louis W. Laughlin
LOUIS W. LAUGHLIN
Major, GS
Acting Deputy Director

2 cys Allied Force Headquarters, G-5 Section
(Assistant Chief of Staff)

Ref. your letter 3 June 1946, file M-3

2718

Declassified E.O. 12356 Section 3.3/NND No. 785019

8103

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

E.C.O.N
FS/18.06
C.S.U.
121

8 June 1946.

Ref: M-3

SUBJECT: Water Supply - Florence.

TO : Chief Commissioner,
Allied Commission, APO 794.
(Attn: Industries & Utilities Branch)

INDUSTRY & UTILITIES S/C
11 GIU 1946

Reference your memo FWU/062 dated 1 May 1946.

1. Subject letter together with enclosures thereto, was passed to the Medical Directorate of this Headquarters on 6 May 1946.

2. Medical Directorate was asked to investigate the claims made in the letter dated 10 April 1946 from Commune of Florence to Genio Civile Florence, and advise this Staff section whether any reductions in the amount of treatment of the water could be permitted.

3. The present state of Florence mains water supply was investigated on 20/21 May 1946, by the Army Hygiene Specialist who reports as follows:

(a) The sources of supply are
(1) 20 wells at Montegnano)
(2) 16 wells at Anconella) Unfiltered.
(3) 3 wells at Cascina Park)
(4) Direct from R. Arno (Filtered)
(5) Springs at Cercina Serrone & Montereggi.

(b) The mains from all the above sources of supply interconnect in the town. They run in close proximity to sewers. Damaged mains and sewers are stated to have been repaired, but many of them are very old.

(c) Bacteriological tests are carried out frequently by the Ufficio di Igiene, Florence. Samples of raw water taken from a number of the contributing wells showed evidence of liability to faecal contamination during April 46. Two out of seven samples of filtered water taken from R. Arno during May 46 gave similar results.

Comments on attached letter ref. 13035/10 Apr 46 from Genio Civile Office, Florence.

2717

(a) No results of chemical or bacteriological tests on the water are included in the letter in support of the contention of purity in paras. 1 and 2.

(b) Purification with Calcium Chloride, referred to in para 4 is presumably a mis-translation, as this substance is not a chlorinating agent.

Declassified E.O. 12356 Section 3.3/NND No. 785019

(c) The process of "coloring" referred to in para. 3. has never been encountered before by this Directorate as a method of purification, and is not described in any of the known text-books.

Recommendations.

(a) It is considered that Florence mains water must still be regarded as unsafe for British troops to drink unless previously chlorinated or boiled, the reasons being:

(i) The bulk of the supply is derived from many sources originating either directly or indirectly from the heavily polluted River Arno.

(ii) Bacteriological tests reported from the Ufficio di Igiene during Apr and May 46 indicate potential contamination, and contradict the statements (unsupported by results of tests) of the Civil engineer.

(iii) The existence of very old mains and sewers.

(b) The present arrangement, - i.e., Chlorination to 0.6 mgm per litre - is satisfactory and insures a safe water supply.

4. In view of the foregoing, will you please represent to the appropriate Italian Ministry, the need for continued treatment of the water as at present carried out, i.e., chlorination to 0.6 mgm per litre, and request them to instruct the Commune of Florence accordingly.

5. Such assistance as you may be able to render the Commune of Florence in recovering the added cost of the chemicals, will be appreciated.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

A. L. HAMBLEN,
Brigadier General, GSC,
Assistant Chief of Staff, G-5.

Copy to: 'Q'

FCJ/md

2716

Declassified E.O. 12356 Section 3.3/NND No. 785019

1871

W-5

Water Supplies - ANCONA.

1730

1. G-5 6. 4 May '46.

1. Further to our IRS of even number dated 11 March 1946.

2. It has been confirmed by Allied Commission in their letter ref. PWU/062 dated 1.5.1946, that arrangements have now been completed for regular monthly releases of petrol and gasoil to be made to the Azienda Comunale Aquedotto of ANCONA, for stand-by operation of diesal operated water pumps, in case of further failure of the electric power supply.

3. In view of the foregoing, this matter is now considered closed.

For the Assistant Chief of Staff, G-5:

F. G. Jeffery

F. G. JEFFERY,
Major R.A.
Economics and Supply Div.

Copy to: EgAC, APO 394.
Industry and Utilities Branch.

INDUSTRY & UTILITIES BR
6 MAG 1946

2715

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081
Ext: 317

IWL/ac

HEADQUARTERS ALLIED COMMISSION
APO 794
Industry and Utilities Branch

9 May 1946

062/FWU

SUBJECT: Payment for Electric Service - Terni Co.

TO : AI Claims and Hirings, G.M.F.

1. This introduces Engr. Gigli of the Terni Company who desires to make inquiry relative to payment for electric service which was the subject of our letter of 20 April, reference 062/FWU.

LOUIS W. LAUGHLIN
Major, G.E.
Acting Deputy Director

2714

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081
Ext: 317

IWI/cc

128

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

062/IWU

4 May 1946

SUBJECT: Water Supply - Florence

TO : Allied Forces Headquarters
G-5 Section, APO 512
(Attn: Major Jeffries)

1. Reference is made to your file M.J on the above subject and our letter dated 1 May 1946, file IWU/062.

2. Enclosed for your information is copy of letter dated 26 April 1946 from the Florence Genio Civile Office to the Ministry of Public Works.

3. The Communal Authorities of Florence have purchased a supply of chemicals sufficient for 60 days after 25 March 1946. This is the starting date for which the Commune is asking reimbursement as set forth in their letter of 10 April, file 13035, which was attached to our letter to you dated 1 May 1946, file IWU/062.

GEORGE F. PARKER
Col., Inf.
Deputy Director

Enclosure -- Letter no. 6597, dated 26 April from Florence Genio Civile Office to Ministry of Public Works, Rome

2713

Declassified E.O. 12356 Section 3.3/NND No. 785019

1284

TRANSLATION

No. 6597

26 April 1946

Genio Civile Office

Florence

SUBJECT: Drinking Water for the City of Florence

TO : Ministry of Public Works, Rome

The Comune of Florence, with letter 959/725 dated April 9, received by this office only on April 19, reported that, on March 26 1946 the Communal Office purchased, at its own expence, 17 tons of calcium chloride which will be sufficient for the sterilization of drinking and spring water for a period of 60 days starting from March 28, in the way desired by the Allied Command.

I wish to notify you on that in order to complete the report sent on 13 April with letter 6206.

F. Scelsse

Chief Engineer

2712

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI

~~Direzione Generale del Consiglio Superiore~~

~~DIREZIONE GENERALE DELLE COSTRUZIONI IDRAULICHE~~

ISPETTORATO GENERALE ELETTRICITA' ACQUA E GAS

ALLA COMMISSIONE ALLEATA
Sottocommissione Industria
e Servizi Pubblici -------
Via Veneto ----------
R O M A

Vs. ----------

Ns. 1857

ROMA 2 maggio 1946

OGGETTO : Acqua potabile per la città di Firenze.

Trasmetto copia della nota 26-4-1946 n° 6597 dell'Ufficio di Firenze in merito all'acquisto del cloruro di calcio per la sterilizzazione dell'acqua potabile del Comune di Firenze.

IL PRESIDENTE GENERALE
(Marco Visentini)

2711

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO LAVORI PUBBLICI
PROVVEDITORATO REGIONALE
ALLE OO.PP. PER LA TOSCANA
UFFICIO DEL G.C. DI FIRENZE

Firenze, 26-4-46

21

MINISTERO LL.PP.
Ispettorato Gen.Elettricità
Acqua e Gas----------

R O M A

N. 6597

OGGETTO: Acqua potabile per la città di Firenze-

Il Comune di Firenze con nota n.959/725 del 9 corr.,pervenuta a quest'Ufficio soltanto il giorno 19 stesso mese, informa che in data 26 marzo scorso, l'Amministrazione Comunale ha provveduto, a proprie spese, all'acquisto di 17 tonnellate di cloruro di calcio che saranno sufficienti alla sterilizzazione delle acque potabili e di sorgente per 60 giorni a partire dal 28 Marzo u.s. e secondo il tenore desiderato dal Comando Alleato.

Comunico quanto sopra a codesto Ispettorato Generale a completamento delle notizie inviate con mia nota n.6204 del 13 corrente-

L'INGEGNERE CAPO
(F.Scalesse)

PER COPIA CONFORME
IL PRESIDENTE GENERALE
(Marco Visentini)

2710

Declassified E.O. 12356 Section 3.3/NND No. 785019

Ministry of Public Wks.

Rome

May 2 1946

File 6597

Subject: Drinking water for the city of Florence

To: AC. HQ Industry & Util. Branch.

We herewith forward copy of letter nº 6597 dated 26-April 1946. concerning the purchase of calcium chloride for the sterilization of drinking water in the Commune of Florence.

M. Visentini
President General.

2709

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489082
Ext: 317

LNL/ce

file

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

127

PWU/062

1 May 1946

SUBJECT: Water Supply - Florence

TO : Allied Force Headquarters
G-5 Section, APO 512
(Attn: Major Jeffries)

1. Reference is made to your file M.3 on the above subject and our letter dated 2 April 1946, file reference 062/PWU.

2. Enclosed for your information are letters dated 10 April from the Comune of Florence to the Genio Civile office of Florence; a letter dated 18 April from the Genio Civile, Florence, to the Ispettorato for Electricity, Water and Gas of the Ministry of Public Works, and letter dated 18 April from the Ministry of Public Works to Allied Commission.

3. Briefly, the Communal authorities of Florence take the position that the amount of water treatment required by the military is in excess of that which is actually needed. Further, that it would cost the Comune the sum of 300,000 lire per month which cannot be carried by the Communal administration in its present financial condition.

4. This Headquarters is not in a position to determine whether the Comune is correct with respect to the amount of treatment required and the matter is therefore referred to your Headquarters for decision.

5. In the event a decision is reached by your Headquarters directing that the military specifications for water treatment be continued, 2 courses are open for the Comune to recover the cost of water treatment:

a: Arrangements be made with the Italian Government to subsidize the cost of chemicals required in excess of the amount normally used by the Comune of Florence.

b. That the Comune of Florence be directed to make application to the Interministerial Price Committee of the Italian Government for permission to apply a surcharge on all service statements to its customers, thereby increasing its income by a sufficient amount to absorb the added cost of chemicals.

2708

Declassified E.O. 12356 Section 3.3/NND No. 785019

1274

6. Instructions are requested with respect to paragraphs 4 and 5 above.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

3 Enclosures--Letter dated 10 April from Comune of Florence to Genio Civile Office, Florence, file no. 19035

Letter dated 18 April from Genio Civile, Florence, to Lspettorato for Electricity, Water and Gas, Ministry of Public Works, file no. 6204.

Letter dated 18 April from Ministry of Public Works to [illegible], file no. 1703

cc: Executive Commissioner

Acting Vice-President
Economic Section

2707

0939

Declassified E.O. 12356 Section 3.3/NND No. 785019

1278

TRANSLATION

April 10, 1946

Commune of Florence

File 13035

SUBJECT: Purification of water in Florence

TO : Genio Civile Office - Florence

With reference to your letter no. 725/591, dated April 11, we are sending the following information concerning the letter sent by the Ispettorato on 1 February on the handing over to the Italian Government of the matter of purifying Florence water.

1. The plant supplying water to Florence utilize an underground source that, due to the special constitution of the filtering layers, protected by some watertight ground are highly dependable as to hygienic properties. The plant has been operating for a great many years and frequent chemical analysis has shown a perfect purity.

2. At present, after the end of the war, all the factors that could have provided some infestion of the water do not exist any more, due to some reconstruction work.

3. It is now believed by the Technical and Medical Direction of this Administration that the "aerating" of the water, as in pre-war time, be sufficient for the water coming from Ceraina-Sorgane and Monteveggi springs being conveyed into the city aqueduct.

4. The purification with calcium chloride, as requested by A.C. would provide a monthly expenditure of about 300,000 lire which should be paid by this Administration and cannot be afforded in the present financial condition.

5. It is then believed not financially convenient and hygienically useless to keep on purifying water by means of chlore.

6. In case the water purification, following request by A.C., should be made with the chloride process the necessary expense would have to be charged to the Government.

Will you please report on this to the Ministry and take measures as required either to discontinue the chloration of water or, if not possible, to provide from the Government the required amount of money, reimbursing at the same time this Commune of the expenses since 28 March. 2706

I also inform you that the Prefect of Florence Province was reported on that through an official letter.

The Syndaco

COMUNE DI FIRENZE
III^ Repartizione Urbanistica
Lavori e Servizi Pubblici
Div.Acquedotto

N° 725/591 Reg.Uff.Gab.chimico
N°13035 Reg.Gen.----------

Firenze 10 aprile 1946

127C
(4)

AL MINISTERO DEI LL.PP.
PROVVEDITORATO REGIONALE ALLE OO.
PP. PER LA TOSCANA----------
Ufficio Genio Civile di

F I R E N Z E

OGGETTO: Potabilizzazione acque del Comune di Firenze-

Mi riferisco con la presente al foglio n.725/591 della Direzione Acquedotto trasmesso a codesto Ufficio in data 11 corr

In merito a quanto precisava la lettera inviata dal Ministero dei LL.PP. - Ispettorato Gen.Elettr.acqua e Gas, in data 1/2/1946 a codesto Ufficio circa il compito passato dalla Commissione Alleata di Controllo al Governo Italiano per la potabilizzazione dell'acqua del Comune di Firenze, è necessario far presente al Superiore Ministero quanto segue:

1° - Gli impianti di approvvigionamento idrico della citta di Firenze utilizzano le acque della falda freatica che, per la particolare natura degli strati filtranti, protetti superiormente da uno strato di terreno impermeabile di forte spessore, presentano caratteristiche di purezza tali da poterle considerare ottime dal punto di vista igienico. Infatti tali impianti funzionano da moltissimi anni e, nelle analisi batteriologiche periodiche più scrupolose, hanno sempre dimostrata una perfetta potabilità;

2° - attualmente sono venute a cessare, con lo stato di guerra e a seguito dei lavori fatti per ripristinare la rete dell'acquedotto, quelle cause che potevano provocare in qualche modo l'inquinamento delle acque potabili sollevate dal sottosuolo;

3° - Pertanto, secondo il parere delle Direzioni Tecniche e Sani-
tarie di questa Amministrazione,

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PP. PER LA TOSCANA----------

Ufficio Genio Civile di

F I R E N Z E

OGGETTO: Potabilizzazione acque del Comune di Firenze-

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2° - attualmente sono venute a cessare, con lo stato di guerra e a seguito dei lavori fatti per ripristinare la rete dell'acquedotto, quelle cause che potevano provocare in qualche modo l'inquinamento delle acque potabili sollevate dal sottosuolo;

3° - Pertanto, secondo il parere delle Direzioni Tecniche e Sanitarie di questa Amministrazione, si ritiene sufficiente continuare, come prima dello stato di guerra, la colorazione delle acque provenienti dalle sorgenti di Cercina, Serrone e Montereggi, che vengono immesse nella rete di distribuzione dell'acquedotto cittadino;

2705

4° - l'onere finanziario, che verrebbe a gravare sul bilancio dell'Amministrazione Comunale per effettuare a proprie spese la sterilizzazione con cloruro di calce delle acque potabili e di sorgente secondo il tenore richiesto dalla Commissione Alleata, è di circa £.300.000 - mensili, che nelle condizioni attuali di bilancio il Comune non è in grado di sostenere;

%

Declassified E.O. 12356 Section 3.3/NND No. 785019

5° - si ritiene perciò non conveniente dal lato finanziario e inutile dal lato igienico continuare a sterilizzare con cloro le acque già potabili di questo Acquedotto;

6° - qualora, in seguito alle insistenze del Comando Alleato, dovesse essere continuata la clorazione delle acque, la spesa occorrente dovrebbe evidentemente far carico allo Stato.

Prego perciò di voler rendere edotto il Superiore Ministero di quanto sopra e di voler prendere quei provvedimenti che saranno necessari perchè possa essere cessata la clorazione delle acque già potabili, o, quando ciò non fosse possibile, sia passata a carico dello Stato la somma occorrente per continuare la clorazione e a rimborsare all'Amm/ne Comunale la spesa effettuata dopo il 28 marzo corrente.

Per conoscenza di codesto Ufficio comunico che quanto sopra esposto è stato fatto oggetto di una lettera inviata anche a S.E. il Prefetto della Provincia di Firenze, trattandosi si un pubblico servizio.

p. IL SINDACO
F. Rosso

PER COPIA CONFORME
IL PRESIDENTE GENERALE
(Marco Visentini)

M. Visentini

CONSIGLIO SUPERIORE DEI LL.PP. - ROMA

N.

Declassified E.O. 12356 Section 3.3/NND No. 785019

inutile dal lato igienico continuare a steririlizzare con cloro le acque già potabili di questo Acquedotto;

6° - qualora, in seguito alle insistenze del Comando Alleato, dovesse essere continuata la clorazione delle acque, la spesa occorrente dovrebbe evidentemente far carico allo Stato.

Prego perciò di voler rendere edotto il Superiore Ministero di quanto sopra e di voler prendere quei provvedimenti che saranno necessari perchè possa essere cessata la clorazione delle acque già potabili, o, quando ciò non fosse possibile, sia passata a carico dello Stato la somma occorrente per continuare la clorazione e a rimborsare all'Amm/ne Comunale la spesa effettuata dopo il 28 marzo corrente.

Per conoscenza di codesto Ufficio comunico che quanto sopra esposto è stato fatto oggetto di una lettera inviata anche a S.E. il Prefetto della Provincia di Firenze, trattandosi si un pubblico servizio.

p. IL SINDACO
F. Rosso

PER COPIA CONFORME
IL PRESIDENTE GENERALE
(Marco Visentini)

CONSIGLIO SUPERIORE DEI LL.PP.

Ns. ROMA

Vs. _____

MINISTERO DEI LAVORI PUBBLICI
IV Sezione del Consiglio Superiore
UFFICIO MOBILITAZIONE ENERGIA ELETTRICA

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

1270

TRANSLATION

18 April 1946

Ministry of Public Works

File 1703

SUBJECT: Drinking water in Florence

TO : AS, ML - Industry and Utilities Branch

We enclose herewith copy of letter from Genio Civile of Florence and letter from Florence Commune.

This Ministry agrees with what stated by the Sindaco of Florence.

As a matter of fact, all causes that had been abnormally affecting the city underground have disappeared and the present situation, following accurate medical analysis of water, is not troubling.

We are waiting for your reply.

Visentini

2704

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI

~~XIXSezioneXdellXCommissioneXIspettoreX~~
~~XUfficioXMobilitazioneXEnergiaXElettricaX~~

127 E

ISPETTORATO GEN.ELETTR.ACQUA E GAS

All'Head Quarters Allied
Commission Industry and
Utilities Branch---------

Via Vittorio Veneto

R O M A

Vs.

Ns. 1703

2

ROMA 18 Aprile 1946

OGGETTO: Acqua potabile per la città di Firenze-

Si rimette la copia della comunicazione pervenuta dall'Ufficio del Genio Civile di Firenze con copia, altresì, della lettera del Comune di Firenze trasmessa attraverso l'Ufficio predetto.

Questo Ministero concorda con quanto esposto dal Sindaco di Firenze.

Effettivamente sono cessate le cause che hanno perturbato il sottosuolo della Città e le condizioni che si sono stabilizzate non debbono dare preoccupazioni, come appare dalle analisi batteriologiche scrupolose effettuate sull'acqua.

Si rimane in attesa di riscontro da parte di Codesta Commissione.

2703

IL PRESIDENTE GENERALE
(Marco Visentini)

Visentini

Declassified E.O. 12356 Section 3.3/NND No. 785019

1 1 127

TRANSLATION

18 April 1946

Genio Civile - Florence

File 6204

SUBJECT: Drinking water in Florence

TO : Ispettorato for Electricity, Water and Gas.

With reference to your letter 1316--26 March, we forward copy of letter dated April 10, no. 19035 from Florence Commune containing information on the purification of water distributed in Florence.

Scelesse - Chief Engineer

Declassified E.O. 12356 Section 3.3/NND No. 785019

Firenze 13-4-46 1276

MINISTERO DEI LAVORI PUBBLICI

~~XIV Sezione Uff. Consiglio Superiore~~
~~Ufficio Mobilitazione Energia Elettrica~~

PROVVEDITORATO REGIONALE ALLE OPERE PUBBLICHE PER LA TOSCANA = UFFICIO DEL G. C. DI FIRENZE----------

Risp. del 26-3-46
N. 1316

OGGETTO: Acqua potabile per la città di Firenze------

Ns. 6204

ROMA 18 Aprile 1946

3

AL MINISTERO DEI LL.PP.
ISPETTORATO GEN.ELETTR.ACQUA E GAS
R O M A

Con riferimento alla nota n.1316 del 26 marzo u.s. di codesto Ispettorato Generale, trasmetto copia della lettera 10 aprile 1946 n. 13035 del Comune di Firenze, nella quale sono riportate le richieste informazioni in merito alla potabilizzazione delle acque immesse nella rete dell'acquedotto per la città di Firenze.

L'INGEGNERE CAPO
(F.Scalesse)

PER COPIA CONFORME
IL PRESIDENTE GENERALE
(Marco Visentini)

CONSIGLIO SUPERIORE DEI LL.PP.

2701

Declassified E.O. 12356 Section 3.3/NND No. 785019

file.

Tel: 489081
Ext: 317

LWL/ca

126

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

1 May 1946

PWU/062

SUBJECT: Water Supply - Ancona

TO : Allied Force Headquarters
G-5 Section, APO 512
(Attn: Assistant Chief of Staff)

1. Reference is made to your inquiry dated 1 March, file reference W-5; our letters of 7 and 8 March, and 8 April 1946, reference 062/PWU.

2. Enclosed for your information is translation of letter dated 19 April from the Ministry of Industry to the Industry Provincial Office at Ancona directing that 150 liters of gasoline and 50 quintals of gasoil, together with lubricating oil, be made available monthly to the Azienda Comunale Acquedotto of Ancona for stand-by operation of Diesel operated water pumps in case of electric power supply failure.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

1 Enclosure - translation of letter dated 19 April 1946 from Ministry of Industry to Industry Provincial Office at Ancona, file no. 705162/6/3/40

/

See folio 124 for original letter

2700

Declassified E.O. 12356 Section 3.3/NND No. 785019

126A

MINISTRY OF INDUSTRY

Rome 13 April 1946

Ref. 705162/6/3/40

SUBJECT: Request for fuel - Azienda Comunale Acquedotto Ancona

TO : Industry Provincial Office - Ancona

Copy to: Ministry of Public Works, Rome.

The Ispettorato for Electricity, Water and Gas requested us to take necessary action in order to provide a monthly allocation of 150 liters of gasoline and 50 quintals of gasoil per month, together with necessary lubricating oil. This fuel should be supplied to Azienda Comunale Acquedotto Ancona which is obliged to run the reserve Diesel engines due to the shortage of electricity.

Will you please report to this office explaining whether the required fuel is already being delivered using the monthly allocation to the "industrial" section at Ancona.

CERBELLA

2699

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI
~~Sezione del Consiglio Superiore~~
~~UFFICIO MOBILITAZIONE ENERGIA ELETTRICA~~
ISPETTORATO GENERALE ELETTRICITA' ACQUA E GAS

HAED QUARTERS ALLIED
COMMISSION---------
Industry and Utilities Branck
Via Vittorio Veneto ---------

R O M A

Vs. 125

Ns. 1712

ROMA 18 aprile 1946

OGGETTO : Azienda Comunale Acquedotto di Ancona.

Si rimette, per opportuna conoscenza, copia della comunicazione 705162/6/3/40 del 13 c.m. pervenuta dal Ministero Industria e Commercio.

IL PRESIDENTE GENERALE
(Marco Visentini)

INDUSTRY & UTILITIES Sec
29 APR 1946

2698

Declassified E.O. 12356 Section 3.3/NND No. 785019

Roma, 16 aprile 1946

124

MINISTERO INDUSTRIA E COMMERCIO
Dir.Gen. Industria e Miniere
Div. Combustibili liquidi------

Prot.n° 705162/6/3/40

- UFF.°PROVINCIALE COMMERCIO E INDUSTRIA = ANCONA =
e p.c.
- MINISTERO DEI LAVORI PUBBLICI
Ispett.Gen.Elettricità Acqua e Gas
(rif.f.1479 del 1/4/46) = ROMA =
- AZIENDA COMUNALE ACQUEDOTTO DI
= ANCONA =

OGGETTO : Richiesta carburanti per Azienda Comunale Acquedotto di Ancona.

(1)

L'Ispettorato Generale Elettricità Acqua e Gas del Ministero dei Lavori Pubblici ha chiesto l'interessamento dello scrivente per un'assegnazione mensile di litri 150 di benzina e qli 50 di gasolio, con relativi lubrificanti, in favore della Azienda Comunale Acquedotto di Ancona, costretta, data la situazione dell'energia elettrica, ad azionare i propri motori Diesel di riserva.

Si prega codesto Ufficio Provinciale di voler comunicare se già provvede a soddisfare il fabbisogno segnalato nell'ambito delle mensili disponibilità di carburanti del settore "industria" della provincia di Ancona.

p.IL MINISTRO
F.to Gerbella

per copia conforme:
IL PRESIDENTE GENERALE
(Marco Visentini)

CONSIGLIO SUPERIORE DELLE FOR...

2697

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

Florence

March 13, 1946

123 R
Translation

Ministry of Public Works
Genio Civile Office
Florence

SUBJECT: Purification of water in the Commune of Florence

TO : Ministry of Public Works - Ispettorato for Electricity, Rome.

In accordance with your request, cable no. 1159 on March 11, I think it advisable to forward a true copy of the letter received from the Florence Commune.

According to the instructions shown in the same cable, I am, on the same date, informing the Regional "Provveditovato" for Public Works and the "Prefettura" on this matter.

The Chief Engineer

F. SCALESSE

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI
PROVVEDITORATO GENERALE
ALLE OPERE PUBBLICHE PER LA TOSCANA
UFFICIO DEL GENIO CIVILE DI
FIRENZE

Firenze, 13 marzo 1946

MINISTERO DEI LL. PP.
Ispettorato Generale
Elettricità Acqua e Gas
R o m a

Prot. N. 4199
Alleg. 1

Risposta al Telegramma del 11/3/46
N. 1159

OGGETTO: Potabilizzazione acque del Comune di Firenze.

In merito a quanto richiesto da codesto Ispettorato Generale col telegramma n° 1159 dell'11 corrente, ritengo opportuno trasmettere copia integrale della lettera inviatami dal Comune di Firenze.

In conformità delle disposizioni impartite col telegramma sopracitato, provvedo, in pari data, a informarne il Provveditorato Regionale alla OO.PP. e la Prefettura.

L'INGEGNERE CAPO
(F. Scalesse)

2695

Declassified E.O. 12356 Section 3.3/NND No. 785019

T R A N S L A T I O N

Florence

March 11, 1946

Commune of Florence

SUBJECT: Purification of water in Florence

TO : Chief Engineer, Genio Civile, Florence

With reference to your letter no. 2040 of February 21, 1946 and following the note sent on March 1 by Acqueduct Division, I am pleased to inform you that, during the past few days, we received a supply of 100 quintals of aluminun sulphate, for the purification of Arno River water. The supplying company is the Montecatini" - Florence Branch Office.

The matter of calcium chloride, for sterilization of spring water from Serrone, Cercina a.s.o. as well as waters raised from different wells, is still being discussed with the Allied H.Q. in Florence in order to determine the required amount. We therefore informed the Florence Command that the Communal Board cannot afford the expenses for the chlore-treatment of waters at the extent requested by that Command.

As a matter of fact the monthly cost would be about 300,000 lire and, on the other hand, we don't think it necessary the chlore-treatment of drinking waters; that treatment could only be made on the spring waters and ordinary disinfections carried out, as a consequence of repair work on the distribution system, similar to what was made before the Allied occupation.

This Direction also reported that the required amount of calcium chloride would be made available by the Chemical Co. "ANIDRE" (Milan) and supplied from the Rosignano Solvay Works.

We are therefore waiting for instructions from the Allied H.Q. in Florence.

A. GIUNTOLI
Chief Engineer of the
Commune

2694

COMUNE DI FIRENZE
VIII Repartizione Urbanistica
Lavori e Servizi Pubblici.
Div. 5° Acquedotto

Reg. Gen. N° 6806 Reg. Uff. N° 725/591

lì 11 marzo 1946

122

All'Ingegnere Capo del
Genio Civile di

FIRENZE
Via Sangallo 36

OGGETTO: Potabilizzazione acque del Comune di Firenze.

Con riferimento al foglio n° 2040 del 21 Febbraio u.s. di codesto Ufficio e facendo seguito alla nota informativa inviata il 1° corrente dalla Divisione Acquedotto, con la presente mi pregio confermare che per quanto riguarda il solfato di alluminio, usato come chiarificatore delle acque del f/Arno, abbiamo ricevuta in questi giorni la fornitura di 100 quintali da parte della Soc. Montecatini, filiale di Firenze.

Per il cloruro di calcio, che viene usato per la sterilizzazione delle acque sia delle sorgenti del Serrone, di Cercina ecc; sia delle acque potabili sollevate da vari pozzi degli impianti, sono tuttora in corso trattative col Quartier Generale Alleato di Firenze, in merito alla quantità da usare secondo il fabbisogno richiesto dallo stesso Comando Alleato.

Pertanto abbiamo fatto presente al Florence Command che l'Amministrazione Comunale non può assumersi l'onere finanziario di effettuare la clorazione delle acque potabili nella misura richiesta dal Comando Alleato, che graverebbe il Comune di una spesa mensile che si aggira sulle 300.000.= lire, nè d'altra parte si riconosce la necessità di effettuare la clorazione delle acque potabili ma solo si riterrebbe utile clorizzare le acque di sorgente e provvedere alle altre disinfezioni in conseguenza di lavori sulla rete come è stato fatto del resto prima dell'occupazione da parte delle truppe Alleate.

In ogni modo questa Direzione ha fatto presente che il quantitativo di cloruro di calce necessario verrebbe reso disponibile dalla Soc. Chimica Aniene - Milano sullo Stabilimento di Rosignano

Declassified E.O. 12356 Section 3.3/NND No. 785019

F I R E N Z E
Via Sangallo 36

OGGETTO: Potabilizzazione acque del
Comune di Firenze.

Con riferimento al foglio n° 2040 del 21 Febbraio u.s. di codesto Ufficio e facendo seguito alla nota informativa inviata il 1° corrente dalla Divisione Acquedotto, con la presente mi pregio confermare che per quanto riguarda il solfato di alluminio, usato come chiarificatore delle acque del f/Arno, abbiamo ricevuta in questi giorni la fornitura di 100 quintali da parte della Soc. Montecatini, filiale di Firenze.

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Pertanto abbiamo fatto presente al Florence Command che l'Amministrazione Comunale non può assumersi l'onere finanziario di effettuare la clorazione delle acque potabili nella misura richiesta dal Comando Alleato, che graverebbe il Comune di una spesa mensile che si aggira sulle 300.000.= lire, nè d'altra parte si riconosce la necessità di effettuare la clorazione delle acque potabili ma solo si riterrebbe utile clorizzare le acque di sorgente e provvedere alle altre disinfezioni in conseguenza di lavori sulla rete come è stato fatto del resto prima dell'occupazione da parte delle truppe Alleate.

In ogni modo questa Direzione ha fatto presente che il quantitativo di cloruro di calce necessario verrebbe reso disponibile dalla Soc. Chimica Aniene - Milano sullo Stabilimento di Rosignano Solvay.

2693

Siamo perciò in attesa di ricevere disposizioni da parte del Quartier Generale Alleato di Firenze.

L'INGEGNERE CAPO DEL COMUNE
F.to A. Giuntoli

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489033
Ext: 327

LWI/ca

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

121

FWU/062

8 April 1946

SUBJECT: Water Supply - Ancona

TO : Ministry of Public Works
(Attn: Prof. A. Asta)

1. We acknowledge receipt of the following cables and letters:

(1) Cable from Ministry of Public Works to Direzione Servizi Municipalizzati, Ancona - dated 13 March 1946

(2) Cable from Ministry of Public Works to Direzione Servizi Municipalizzati, Ancona, dated 27 March 1946

(3) Letter from Azienda Comunale Acquedotto Ancona to Ministry of Public Works, Rome, dated 28 March 1946

(4) Letter from Ministry of Public Works to Ministry of Industry, dated 30 March 1946

(5) Letter from Ministry of Public Works to Ministry of Industry, dated 1 April 1946

2. In order that the military agency interested in the Ancona situation will be able to plan its activities, we would appreciate very much your letting us know when the chemicals and fuel oil have been delivered and placed at the disposal of the Azienda Comunale Acquedotto of Ancona.

GEORGE P. PARKER
Colonel, Infantry
Deputy Director

2692

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPIA

Roma, 13 marzo 1946

TELEGRAMMA

(1)

DIREZIONE SERVIZI MUNICIPALIZZATI

ANCONA

1249 Comunicate urgentemente vostro fabbisogno Diesel oil per pompe acqua ausiliarie et di prodotti purificanti le acque costì et dintorni Alt Possibilmente fate programma nel tempo Alt Indirizzate Lavori Pubblici Ispettorato Generale Elettricità Acqua Gas Presidente Visentini

per copia conforme:

2691

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPIA

Roma, 27 marzo 1946

TELEGRAMMA

(2)

DIREZIONE SERVIZI MUNICIPALIZZATI

ANCONA

1422 Prego riscontrare mio telegramma corrente 13 numero 1249 relativamente fabbisogni olio Diesel per pompe et per prodotti purificanti le acque Alt PRESIDENTE GENERALE CONSIGLIO LAVORI PUBBLICI VISENTINI

per copia conforme:

C O P I A

ESPRESSO

AZIENDA COMUNALE DELL'ACQUEDOTTO
A N CO N A

Ancona, 28 marzo 1946

n. 2485

Sig. PRESIDENTE GENERALE CONSIGLIO
LAVORI PUBBLICI ----------

R O M A

Riceviamo il Vostro telegramma n°1422 del 27 corr.al quale abbiamo così risposto:
"Presidente Generale Consiglio Lavori Pubblici Visentini
"Riferimento Vostro 1422 risposto con espresso 18 corrente
"segue lettera Acquedotto".
Vi diamo ora copia del nostro espresso del 18 corr.

"" Spett. ISPETTORATO GENERALE
ELETTRICITA'ACQUA E GAS ---

R O M A

Con riferimento al Vostro telegramma n°1249, Vi comunichiamo che prevediamo un fabbisogno mensile per i motori di riserva (Diesel), a meno che le condizioni di fornitura dell'energia elettrica non peggiorino, limitato a cui abbiamo provveduto attraverso il locale Ufficio Provinciale Industria e Comercio,e precisamente: q.li 50 di nafta,litri 150 di benzina per avviamento,Kg.175 di olio HD 30 (periodo invernale), kg. 50 di olio HD 50.
Per i prodotti purificanti dell'acqua, il cui servizio viene ancora svolto dagli Alleati, da informazioni avute dagli stessi, risulta che questi prodotti vengono immessi nella proporzione di una parte di solfato ammonico e due di ipoclorito.
Il quantitativo fornito risulta complessivamente di 10 tonn. ogni tre mesi circa e viene usato nella zona solo per noi.
Attualmente gli stessi Alleati hanno a loro disposizione

Declassified E.O. 12356 Section 3.3/NND No. 785019

Riceviamo il Vostro telegramma n°1422 del 27 corr.al quale abbiamo così risposto:
"Presidente Generale Consiglio Lavori Pubblici Visentini
"Riferimento Vostro 1422 risposto con espresso 18 corrente
"segue lettera Acquedotto".
Vi diamo ora copia del nostro espresso del 18 corr.

"" Spett. ISPETTORATO GENERALE
ELETTRICITA'ACQUA E GAS ---
R O M A

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Per i prodotti purificanti dell'acqua, il cui servizio viene ancora svolto dagli Alleati, da informazioni avute dagli stessi, risulta che questi prodotti vengono immessi nella proporzione di una parte di solfato ammonico e due di ipoclorito.

Il quantitativo fornito risulta complessivamente di 10 tonn. ogni tre mesi circa e viene usato nella zona solo per noi.

Attualmente gli stessi Alleati hanno a loro disposizione un quantitativo di questi prodotti per circa due mesi.

Distinti saluti.""

Restiamo a Vostra disposizione per eventuali altre informazioni, mentre distintamente Vi salutiamo.

IL DIRETTORE
F;to Dr.Ing.Luigi Munar

2690

per copia conforme:

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPIA

MINISTERO LAVORI PUBBLICI
ISPETTORATO GENERALE ELETTRICITA' ACQUA E GAS

9 (4)

AL MINISTERO INDUSTRIA E COMMERCIO
Dir. Gen. Industria e Miniere ----
Div. VI^ ----------

Prot.n° 1497

R O M A

Roma, 30 marzo 1946

OGGETTO : Azienda Comunale Acquedotto di Ancona.

L'Azienda Comunale Acquedotto di Ancona purifica l'acqua nella Città e nei d'intorni.

Finora la purificazione è avvenuta attraverso quantitativi forniti dagli Alleati.

Si tratta di una parte di solfato ammonico su due di ipoclorito- Il quantitativo fornito risulta, complessivamente, di 10 tonn. ogni 3 mesi.

Si prega codesto Ministero di volersi compiacere di disporre le cose in modo che sia assicurato per il prossimo futuro l'ottenimento dei materiali sopra detti, nei quantitativi necessari all'Azienda.

Questo di chiede unitamente alla Commissione Alleata.

IL PRESIDENTE GENERALE
F.to Marco Visentini

Per copia conforme:

2689

Declassified E.O. 12356 Section 3.3/NND No. 785019

BOTTIGLIERO Ciro fu Vincenzo	Sold.Gen.Tel.	1896	Tempo indeterminato	✓
LA MARCA Nunzio fu Antonio	Sold.Autom.	1898	6 mesi	✓
BARONE Vincenzo di Angelo	Cap.Gen.Ferr.	1899	Tempo indeterminato	✓
RUSSO Ciro fu Raffaele	Sold.Fant.	1899	6 mesi	✓
FRANCO Angelo fu Ciro	Soldato	1899	Tempo indeterminato	✓
~~LEONE Alessandro di Ciro~~	~~Cap.Art.~~	~~1911~~	~~6 mesi~~ (decaduto)	

Napoli 12 gennaio *1942-XX*

Confermato da Comando Distretto Militare NOLA
con N.° 262/9 *del* 28 gennaio 1942 XX

IL CAPO DELLA 6.ª ZONA
(Magg. Ing. E. RICCIA)

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPIA

MINISTERO LAVORI PUBBLICI

ISPETTORATO GENERALE ELETTRICITA' ACQUA E GAS

(5)

MINISTERO INDUSTRIA E COMMERCIO
Dir. Gen. Industria e Miniere
Div.Combustibili liquidi -----

Prot.n° 1479

Roma, 1° aprile 1946

R O M A

OGGETTO : Azienda Comunale Acquedotto di Ancona.

Tenuto conto dell'assegnazione di energia elettrica alla città di Ancona, l'Azienda Comunale di quell'Acquedotto, ha bisogno di far funzionare i motori Diesel di riserva con un consumo al di:

Q.li 50 di nafta, litri 150 di benzina per avviamento, chg. 175 di olio HD 30, chg. 50 di olio HD 50.

Si prega Codesto Ministero di assicurare tale assegnazione la quale è particolarmente raccomandata dalla Commissione Alleata che ha interessato e interessa lo Scrivente, in merito.

IL PRESIDENTE GENERALE
F.to Marco Visentini

per copia conforme:

2688

0965

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081
Ext: 317

Dete

LWI/ac

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

PWU/062

8 April 1946

SUBJECT: Water Supply - Ancona

1240

TO : Allied Force Headquarters
G-5 Section, APO 512
(Attn: Assistant Chief of Staff)

1. Reference is made to your inquiry of 21 March, file reference G-5, and our letters of 7 and 8 March, file reference 062/PWU.

2. Enclosed for your information are copies of correspondence between the Ministry of Public Works, the Azienda Comunale Acquidotto of Ancona, and the Ministry of Industry and Commerce, dealing with the treatment of the water supply at Ancona and the supplying of diesel oil with which to operate the diesel driven water pumps.

3. Briefly, the authorities at Ancona have advised the Ministry of Public Works as to the quantities of chemicals and diesel oil needed and the amount of treatment required. The Ministry of Public Works, in turn, has requested the Ministry of Industry and Commerce to make these quantities available to the Communal authorities having charge of the water supply for Ancona.

4. This Headquarters will follow the matter and advise you when the supplies involved are actually at the disposal of the Ancona authorities.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

Copies to: Economic Section
G.E. District No. III
G (Maint), CWO, CMP
DCT (Pet.) CWO, CMP

5 Enclosures - Cable from Ministry of Public Works to Direzione Servizi Municipalizzati (Ancona) - dated March 13, 1946 — 1208

Cable from Ministry of Public Works to "Direzione Servizi Municipalizzati (Ancona) - dated March 27, 1946 — 1208

Letter from Azienda Comunale Acquedotto Ancona to Ministry of Public Works, Rome, - dated March 28, 1946 — 2687 — 1208

Letter from Ministry of Public Works to Ministry of Industry, dated March 30, 1946 — 1208

Letter from Ministry of Public Works to Ministry of Industry, dated April 1, 1946 — 1208

Declassified E.O. 12356 Section 3.3/NND No. 785019

120 A

Rome March 13, 1946

Cable from Ministry of Public Works to: Direzione Servizi Municipalizzati (Ancona)

1249: Report urgently on your requirements of Diesel oil for auxiliary water pumps and of chemicals for water purification in Ancona and Ancona area. If possible, make a programme for the time required - Address reply to Public Works, Ispettorato Generale Elettricita, Acque, Gas.

President Visentini

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O

1203

Rome, March 27, 1946

Cable from Ministry of Public Works to "Direzione Servizi Municipalizzati"
Ancona

1422. Please send reply to my cable of March 13, no. 1249, concerning Diesel oil for pumps and chemicals for water purification.

The President General of Public Works Council
M. Visentini

Declassified E.O. 12356 Section 3.3/NND No. 785019

120 C

Letter from Azienda Comunale Acquedotto Ancona to Ministry of Public Works, Rome.

No. 2485 March 28, 1946

We have received your cable no. 1422 of March 27 to which we had so replied: (by cable)

President Visentini. With reference to your cable 1422 we sent a registered letter on 18 March. Letter follows.

Ancona Acqueduct.

We enclose also copy of the registered letter of 18 March

to Ispettorato Generale Elettricita Acque e Gas - Rome

With reference to your cable 1249 we inform you that the estimated monthly requirement of Diesel oil, requested to the local Provincial Office for Industry and Commerce is:

50 quintals of Diesel oil and 150 litres of gasoline (for starting)
175 Kilos of oil HD30 (winter period)
50 Kilos of oil HD50

This estimate was made assuming that the electric power situations will not get worse.

As for chemical water purification which is still being made by the Allies, we were reported (from the Allied office) that the correct proportion is:

1 part of Ammonium sulphate
2 parts of hypochlorite

The amount supplied is 10 tons each three months (about) and is being used only by us in this area.

The Allies have at present an amount of chemicals sufficient for about two months.

Best regards,

Ancona Acqueduct

We remain at your disposal for any further information.

2684

Yours cordially,

Dr. Eng. L. Munarini
Director

Declassified E.O. 12356 Section 3.3/NND No. 785019

1200

Letter from Ministry of Public Works to Ministry of Industry

March 30, 1946

SUBJECT: Azienda Comunale
Acquedotto Ancona

TO : Ministry of Industry and Commerce
General Direction Industry and Mines
Division VI

The Azienda Comunale Acquedotto di Ancona is responsible for the water purification in that town and the surrounding area.

The purifying process has so far been made by means of chemicals supplied from Allied sources.

The amount supplied is 10 tons every 3 months and namely: one part of Ammonium Sulphate and 2 parts of Hypochlorite.

We beg to request that Ministry to take kindly some steps in order to secure the required chemicals for the future months.

This is requested in agreement with A.C.

President General

M. Visentini

2683

Declassified E.O. 12356 Section 3.3/NND No. 785019

1206

Letter from Ministry of Public Works to Ministry of Industry

April 1, 1946

SUBJECT: Azienda Comunale Acquedotto di Ancona

TO : Ministry of Industry and Commerce - General Direction Industry and Mines - Liquid Fuels Division

In view of the present electric power allocation to the town of Ancona, the Azienda Comunale will have to operate the reserve Diesel engines and will require:

50 quintals of Diesel oil
150 litres of gasoline (for starting)
175 Kilos of oil (ID 30)
50 Kilos of oil (ID 50)

We beg to request that Ministry to provide the requested amount of fuel. This is also recommended by A.C. which has been and is following this matter.

The President General
Visentini

Declassified E.O. 12356 Section 3.3/NND No. 785019

5146

Ind. Affrs.
Econ Sec
ES/13.01
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ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

062/PWU
Ref: W-5

21 March 1946.

119

SUBJECT: Water Supply - ANCONA.

TO : Headquarters, Allied Commission, APO 394
(Attn: Industry & Utilities Branch)

116

Reference the above subject.

Will you please say whether satisfactory replies have yet been received to your letters PWU/062 dated 7 March and 062/PWU dated 8 March, addressed to the Ministry of Works?

113

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

A. L. HAMBLEN
Brigadier General, GSC,
Assistant Chief of Staff, G-5.

FCJ/md

INDUSTRY & UTILITIES S/C
22 MAR 1946
Utilities

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489081
Ext: 317

file
IAI/oo

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

2 April 1946

362/FWU

SUBJECT: Water Supply - Florence

TO : Allied Force Headquarters, G-5 Section
A.P.O. 512
(Attn: Major Jeffries)

1. Reference is made to our letter 5 March 1946, our file 062/FWU, your file N.3; also telephone conversation between you and Capt. T. D. Morgan, AIOOU, on 23 March 1946.

2. Enclosed for your information is copy of a letter from this Branch directed to the Ministry of Public Works dated 23 March 1946 and copy of letter from the Ministry of Public Works directed to the Genio Civile Office at Florence, dated 26 March.

3. As soon as the information is received, you will be informed.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

Copies to: Executive Commissioner

Acting Vice-President
Economic Section

Chief, Industry and Utilities S/C

2 Enclosures - Letter from Allied Commission to Ministry of Public Works, dated 23 March.

Letter from Ministry of Public Works to Genio Civile Office, Florence, dated 26 March 1946

2680

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 489033
Ext: 317

QQLX

LTL/ss

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

29 March 1946

062/PHT

SUBJECT: Treatment of Florence Water Supply

TO : Ministry of Public Works
(Attn: Prof. A. Asta)

1. Reference is made to letter of March 11 from the Chief Engineer of the Comune to the Chief Engineer of the Genio Civile in Florence and letter of March 19 from Genio Civile to Ministry of Public Works.

2. In order to establish a basis for discussion, would you please enquire of the Chief Engineer of the Florence Comune on the amount of treatment which they think is necessary.

3. We desire to present the matter to the Military Authorities and for that reason it is recommended that the report from the Communal Authorities be in such detail that it can be easily understood.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

2679

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DEI LAVORI PUBBLICI
~~IV Sezione del Consiglio Superiore~~
~~UFFICIO MOBILITAZIONE ENERGIA ELETTRICA~~
ISPETTORATO GEN.ELETTR.ACQUA E GAS

Ufficio del Genio Civile
Via Sangallo----------
F I R E N Z E

e per conoscenza:
Head Quarters Allied
Commission Industry and
Utilities Branch--------
Via Vittorio Veneto------
R O M A

Vs.4199 del 18 c.m.

Ns. 1316

ROMA 26 Marzo 1946

OGGETTO: Acqua potabile per la città di Firenze-

La Commissione Alleata, riferendosi a lettera 11 c.m. N.6806 del Comune di Firenze di cui le è stata comunicata copia, desidera avere dal Comune stesso più precise informazioni circa le difficoltà, tecniche o finanziarie, relative alla potabilizzazione dell'acqua per la città di Firenze, riprometteendosi di interessare al riguardo l'Autorità militare-

Prego pertanto di farmi pervenire al più presto le informazioni richieste-

IL PRESIDENTE
(Marco Visentini)

INDUSTRY & UTILITIES B/C
29 MAR 1946
Utilities

2678

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

26 March 1946

Ministry of Public Works - Rome

SUBJECT: Water supply at Florence

TO : Genio Civile Office - Florence

Copy to: A.C.C. Industry and Utilities Branch

The Allied Commission, with reference to letter of 11 Mar no. 6806 from the Comune of Florence, would like to have more detailed informations, from the same Comune, on the difficulties, both technical and financial, concerning the purification of water in the town of Florence. A.C. will then get in touch with the Military Authorities.

Will you please let us have those informations as soon as possible.

M. Vannini
President

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 689031
Ext: 317

116

LFL/cc

File

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

23 March 1946

062/PWU

SUBJECT: Treatment of Florence Water Supply

TO : Ministry of Public Works
(Attn: Prof. A. Asta)

1. Reference is made to letter of March 11 from the Chief Engineer of the Commune to the Chief Engineer of the Genio Civile in Florence and letter of March 13 from Genio Civile to Ministry of Public Works.

2. In order to establish a basis for discussion, would you please inquire of the Chief Engineer of the Florence Commune on the amount of treatment which they think is necessary.

3. We desire to present the matter to the Military Authorities and for that reason it is recommended that the report from the Communal Authorities be in such detail that it can be easily understood.

GEORGE F. PARKER
Colonel, Infantry
Deputy Director

2676

Declassified E.O. 12356 Section 3.3/NND No. 785019

SENIOR U. S. NAVAL LIAISON OFFICER, ITALY.
ROME, ITALY.

NL4-2
Serial: 283

471594

16 March 1946

From: Senior U.S. Naval Liaison Officer, Italy.
To : Director, Public Works & Utilities Sub-Commission, Allied Commission.

Attention: Electrical Operations & Transmission Department.

Subject: Water Supply at U.S. Naval Barracks, Rome.

66476

1. The U.S. Navy billets its men at the U.S. Naval Barracks, located in the requisitioned Pensione Marini, Via Francesco Crispi #55, Rome.

2. For the past several weeks the water supply has been very sporadic, the hotel being without any water whatsoever for periods of 24 hours or more, thereby causing very unsanitary conditions in the toilets as well as inconvenience to the Naval personnel billeted there.

3. The Societa' Dell'Acqua Pia Antica Marcia has been contacted several times and although they have looked into the matter conditions have not improved.

4. In view of the fact that the hotel is requisitioned for and occupied by military personnel, it is requested that a constant water supply be furnished in the interest of maintaining sanitary conditions.

471954 J W Watson
J. W. WATSON,
Lieutenant, USNR.

called Lt. Watson 20/3/46 and suggested he contact Capt. Morrison first but that one would help if necessary. BHB

INDUSTRY & UTILITIES SUB-COMMISSION
19 MAR 1946
PWU 2675

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tels 42nd FI
Tels 337

121/oe

AFD 334
Industry and Utilities Branch

7 March 1942

1157

062

Subject: Water Supply - Ankara

To : Ministry of Public Works
(Attn: Prof. A. Arbe)

1147 mfilm

1. Information has been received to the temperature that the water supply in Ankara and area has become serious due to the reasons, viz:

(a) The reduction of electrical power in the area, which prevents the use of the electric water pumps.

(b) Inavailability of the Auxiliary (diesel) water pumps, due to lack of fuel.

2. The cause of reduction in para 1 (a) above is understood, however, no data is to hand by the Public Utilities, A.F., that while there is a shortage of such petroleum products there is a fair supply of Diesel fuel in Ankara.

3. It appears possible therefore that the restriction operating the water supply at present may be relieved by the supply thereto in accordance with existing fuel regulations.

4. It is therefore recommended that your Ministry get into touch with the Ministry of Industry and Commerce to take care that the fuel is made available in obtaining the required Diesel fuel.

5. It will not be possible to furnish any fuel from military stocks therefore.

6. Please let us know your findings and whether the situation can be cleared up satisfactorily.

H. W. TAYLOR
Colonel, U.S.A.
Director

2674

cc: Allied Force Headquarters, Ind. Div. AFD 334
G (Main), U.S.A. FHP
Sec (Rep), U.S.A. FHP
Ministry of Industry and Commerce
Turkish Legation
U.S.A. Mission, Ind. & Util. Branch

Declassified E.O. 12356 Section 3.3/NND No. 785019

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COPY

Ref. C62/PWU

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

114

Ref: W-5

1 March 1946

SUBJECT: Water Supply - ANCONA

TO : Headquarters, Allied Commission, APO 394.

115 refers

1. Information has been received at this Headquarters that the Water Supply in ANCONA and area has become serious due to two factors, viz:

(a) The reduction of electrical power in 61 Area, which prevents the use of the electric water pumps.

(b) Immobilisation of the Auxiliary (Diesel) water pumps, due to lack of fuel.

2. The cause of reduction in para 1(a) above is understood, and it is thought that the recent shortage of oil throughout ITALY, due to non-arrival of supplies from abroad, may account for the lack of fuel referred to in para 1(b).

3. To overcome the immediate difficulty mentioned in para 1(b), an issue of 2,000 gallons of diesel oil has been made to the civilian authorities from military stocks, and recovery of this amount is being arranged by this Headquarters and CIP.

4. Further loans of this nature cannot, however, be made; accordingly it is requested that Allied Commission will make known to the responsible Italian Ministry the seriousness of the water supply in ANCONA, and their responsibility for seeing that an adequate supply of fuel is at all times available to the Water Company during the present shortage of electricity.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

F. G. A. PARSONS
Brigadier,
Acting Assistant Chief of Staff, G-5

2673

Copy to: Q(Maint), GHQ, CMF.
DST (Pet), GHQ, CMF

Declassified E.O. 12356 Section 3.3/NND No. 785019

Telt 409081
Rutt: 317

LWL/ca

file

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Branch

113

062/PAU

8 March 1946

SUBJECT: Treatment of Water Supply in Ancona

TO : Ministry of Public Works
(Attn: Prof. A. Lotz)

1/2 enclosure

1. This Headquarters' attention has been called to the fact that the agencies supplying the water for domestic and commercial purposes in Ancona and the immediate vicinity are not receiving the chemicals with which to render the water safe for human consumption.

2. The supply of these chemicals from military stocks has been discontinued and is now a civil responsibility.

3. It is strongly recommended, therefore, that immediate and urgent steps be taken, similar to those which were inaugurated with respect to the Florence water supply, in order to insure that the required chemicals are made available and that the water is properly treated.

4. In order to close the files on the matter, would you please inform this Headquarters when the necessary arrangements have been completed.

for [illegible]
[illegible] F. [illegible]
Colonel, Infantry
Chief, Utilities Division

cc: AFHQ, G-5
Mechanics Section
C.M., District no. III

2672

Declassified E.O. 12356 Section 3.3/NND No. 785019

C 26103
MAR. 051974A

From
H/208
MAR. 060850

AFHQ FORM G-5
ALCOM ROME INFO: THESE DISTRICT

ROUTINE

112

HEADQUARTERS
6 MAR 1946
A. C.

062/8WU

113+refers

UNCLASSIFIED.
Water sterilisation, Ancona.

1. Request strong representation be made immediately to Italian Government concerning non - availability of water purification chemicals for the water supply of Ancona AND Area.

2. Must stress that this service is an entirely civil responsibility not a military one.

3. Ministry concerned should be remined of similar situation recently obtaining in Florence and should be requested to take immediate steps to prevent its recurrence at Ancona

4. Request Alcom submit report on outcome of action indicated above as early as possible.

AC DIST

ACTION INDY & UTIL 2
INFO CHIEF COMMISSIONER
EX COM
ECON 2
FILE 3
FLOAT

2671

7 MAR 1946

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 40[illegible]
Ext: 317

[illegible]/ec

Date

AND 284
Industry and Utilities Branch

7 March 1942

111

FET/CEF

SUBJECT: Motor Supply - Abyssinia

TO : Ministry of Public Works
(Attn: Prof. A. Asfaw)

1. Information has been received at this headquarters that the Motor Supply Mission would like to have certain information in order to apply its knowledge to the problems which will arise in the future, viz:

(a) The relaxation of ministerial power in the event of private ownership of motor vehicles.

(b) Immobilization of the military (Diesel) motor pools, due to lack of fuel.

2. The result of questions in para 1 (a) above is unknown. However, we are informed by the U.S.A. Ministry that while there is a shortage of most petroleum products there is no shortage of Diesel fuel in Italy.

3. It becomes possible however that the Abyssinian Motor Supply Mission may not be following the proper channels of procedure in trying for and obtaining the necessary fuel by going through the private power company route.

4. It is therefore recommended that your Ministry get into the matter with the Ministry of Industry and Commerce to make sure that the fuel is being allocated to obtaining the required Diesel fuel.

5. It will not be possible to furnish any fuel from military stocks hereafter.

6. Please let us know your findings and whether the situation can be cleared up satisfactorily.

G. M. PALMER
Colonel, G.S.
Director

cc: Allied Force Headquarters, Wd. and GS
4 (Main). [illegible]
DCT (Ref). [illegible]
Ministry of Industry and Commerce
Economic Section
P.O.L. Sec., Ind. & Util. Branch

2670

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 48*061
Ext: 317

INT/oe

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

118

062/PWU

5 March 1946

SUBJECT: Water Supply - Florence

TO : 1 Allied Force Headquarters, G-5 Section
A.F.H.Q. 512
(Attn: Assistant Chief of Staff)

107 refers

1. Reference is made to our letter to you of 31 January 1946, file 062/PWU, para 4, sub-para 3, and our letter of 20 January 1946, file 062/PWU, directed to the Ministry of Public Works, a copy of which was forwarded to you.

2. The Inspector General for electricity, water and gas has now furnished copies of letters and cables which indicate that the provision of chemicals and the treatment of the water supply at Florence is now being followed by the Genio Civile office in that area.

3. This Headquarters, therefore, considers that all necessary steps have been taken to insure that the proper government agencies have taken jurisdiction and have assumed responsibility.

FOR THE ALLIED COMMISSION,

CHARLES E. WALTON
Colonel, AC
Acting Vice President

Enclosures: Copy of letter 475, 1 Feb. 1946, from Min. Public Works to Genio Civile, Florence.

Copy of telegram 23 Feb. 1946 from Min. of Public Works to Chief Engineer, Genio Civile, Florence

Copy of letter 2461, 3 March 1946, from Chief Engineer, Genio Civile to Min. Public Works.

2669

cc: Executive Commissioner

Acting Vice President
Economic Section

Declassified E.O. 12356 Section 3.3/NND No. 785019

Rome, February 1, 1946

Ministry of Public Works

No. 473

To: Genio Civile Office
Florence

Subject: Purification of water - Florence Commune

We are notified from A.C. that the matter of purifying water in the Commune of Florence has been handed over to the Italian Government as of January 1, 1946.

The Ministry of Industry and Commerce will make available the required chemicals.

A.C. notified the Ministry of Industry and Commerce with letter 5568-26-January 1946, that S.A.L.P.A. and SOLVAY Companies were in a position to supply that stuff.

This Ispettorato is in contact with the Ministry of Industry and Commerce to see that the supply be made with the utmost urgency and also requests that Genio Civile office to get in touch with the Company operating the Florence Acqueduct in order to control the regular supply of those chemicals also reporting on the matter to this Ispettorato.

ENG. M. VISENTINI
Inspector General

2668

Declassified E.O. 12356 Section 3.3/NND No. 785019

Rome, February 23, 1946

C A B L E

TO: Chief Engineer Genio Civile, Florence

We are urging reply to our letter no. 473 of February 1 on the purification of water in the Commune of Florence.

VISENTINI

President General

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

Ministry of Public Works
Genio Civile Office
Florence

No. 3461

SUBJECT: Purification of water in the Comune of Florence

TO : Ministry of Public Works - Ispettorato Generale Elettricita, Aeque e Gas, Rome

With reference to your letter no. 473 of February 1, 1946 and your cable, same number, of 1 March 1946 I wish to inform you that the Office for Acqueducts, Florence Commune, today reported on what follows:

That office is in contact with Montecatini Co., Florence Branch, for the supply of Aluminum Sulphate to be used as purifier of the water from Arno river; S.A.L.F.A. Co. only produces potass. aluminum which cannot be employed.

An amount of 100 quintals (10 tons) of Aluminum Sulphate is at present being supplied by Montecatini Co.

The supply of Calcium Chlorate is being discussed with Allied H.Q. in Florence in order to fix the necessary amount for ordinary requirement.

Societa Chimica Ariene (Rosignano Solvay Factory) notified that they are able to supply that chemical, and this offer will be considered in connection with the actual purchase. The Acqueduct Office of the Commune also stated that they now have chemicals for the purification of water up to March 20.

I will be glad to report to that Ispettorato Generale on any further progress concerning this matter.

2666

Chief Engineer
F. SCALZESE

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 894
ECONOMIC SECTION

ROUTING AND WORK SHEET

Each note must be numbered and each space completely filled in. THIS WORK SHEET MUST NOT BE REMOVED FROM THE CORRESPONDENCE TO WHICH ATTACHED UNTIL ACTION IS COMPLETED AND THEN FILED WITH FILE COPIES OF COMMUNICATION TO WHICH IT PERTAINS. A line will be drawn the full width of the page under each note.

SUBJECT: Water Supply, Florence

No	Date	To	REMARKS	From
1	14/2	A-H S/C	1. Ref PWA/062 of 31 Jan to AFHQ, para 4, 3d sub-paragraph. 2. Has any response to your letter of 26 Jan to the Minister of Public Works yet been received? We promised it to AFHQ.	2665 HQ.

PAGE .....

Use other side

Declassified E.O. 12356 Section 3.3/NND No. 785019

Vol: 400031
Cat: 317

LHL/ao

HEADQUARTERS ALLIED COMMISSION
APO 394
ARCHIVES SECTION

107

OSS/pav

January 1946

SUBJECT: Water Supply, Florence

TO : Allied Force Headquarters
G-5 Section, APO 512
(Attn: Assistant Chief of Staff)

1. Reference your M.3 dated 17 November 1945
our OSS/141 dated 20 November 1945
your M.3 dated 4 December 1945
your M.3 dated 12 January 1946
our cable 650 dated 21 January 1946
your cable S-11020 dated 22 January 1946

2. Reference para 1 and 2 your M.3 dated 17 November 1945 and para 1 your M.3 dated 4 December 1945. Enclosed is copy of letter AC/S706/118 - 1 June 45 wherein instructions were given to S.A.C.A. to supply chemicals to the "Ente Civile", Florence for use in purifying the Florence water supply. Also enclosed copy of letter AC/S500/(SS) - 1 June to G-5 AFHQ notifying that Azur and Lino for Florence had been arranged for. A search of AC files does not disclose what steps were taken thereafter (the paragraph which handled the matter was no longer with AC). However, it is now quite evident that the military have continued supplying these chemicals up to present time.

3. Para 2 your M.3 dated 17 November 1945. Upon receipt of this letter the matter was taken up personally with Dr. Lauria, Chief of the Chemical Division, of the Ministry of Industry and Commerce. At the same time this official was given the names and addresses of the manufacturers in the Florence area who were in a position to furnish the required chemicals. This was covered by our letter OSS/141 - 20 November 1945 to Economics and Supply Division G-5 AFHQ.

4. Reference para 2 your M.3 dated 4 December 1945. Numerous verbal requests were made of the Minister of Industry and Commerce to furnish written acknowledgement of acceptance of responsibility for the supplying of chemicals. Finally he wrote the Ministry of Industry and Commerce on 21 January 1946, copy enclosed, reference AC/S500/(SS).

2664

An acknowledgment to this letter has been made by the Directive Generale of the Division of Industry and Mining of the Ministry of Industry and Commerce per letter 22 January 1946, Reference OSS-053, copy enclosed.

0989

Declassified E.O. 12356 Section 3.3/NND No. 785019

In addition A.C. has contacted the Ministry of Public Works notifying them of their responsibility in the matter as per letter of 22 January 1946, Reference 062/PWD copy attached. The date of 1 January 1946 was stated as the time when supplying these chemicals from military stocks would cease in order to speed up government action in this matter. As soon as an acknowledgement is received from them, a copy will be forwarded to you.

In view of past difficulties and of possible further delay on the part of the Italian Government, in getting under way on the supplying of these chemicals, this Headquarters is in accord with your arrangements to continue supplying chemicals until 1 February 1946, which was the subject of your cable C-15909 dated 22 January 1946 to AFHQ.

As an additional precaution this Headquarters is in accord with your recommendation that the water used by Allied personnel be treated before consumption until it is definitely established that the city of Florence is adequately treating its water supply.

5. Reference para 4 (2) your M.3 dated 17 November 1945, and para 3 your M.5 dated 4 December 1945. The Chief Accountant of Allied Supply Accounting Agency has been consulted in this matter. He advises that as soon as price issue vouchers, duly acknowledged by the receiving authorities, are received by this Headquarters, they should be handed to him for debiting to the Italian Government in sterling. This, however, he can only do if:-

(a) the issues were made prior 30 November 1945
and (b) the chemicals in question are of imported origin

If the issues were made after 30 November 1945 AMA advises that the accounting cannot be done on behalf of Allied Commission, but will have to be handled by AFHQ. If the chemicals concerned are of Italian origin they do not constitute a proper sterling charge to the Italian Government.

For the Chief Commissioner

MARIAN CLEVELAND
Acting Vice President

c.c.to: Executive Commissioner
Chemical Section Industry & Mil. S/C.
Economic Section
Elec. Ser. Industry & Mil. S/C.

2663

6 enclosures: copy letter AC/8780/Ind - 1 June 45 to S.A.L.F.A.
" " AC/8560/Ind - 1 June 45 to G-5
" " AC/8560/Ind -21 Jan. 46 to Min. Ind. & Comm.
" " 650053 - 20 Jan. 46 from Min. Ind. & Mining (in Italian)
" " 650053 - 21 Jan. 46 from Min. Ind. & Mining (translation)
" " 062/PWD- 22 Jan. 46 to Min. Public Works

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

RSO/mm

Tel. 478090

1 June, 1945

Ref. AC/5730/IND.

SUBJECT : Supply of Alum

TO : Societa' S.A.L.P.A.
c/o Studio Tecnico Prof. Renzi
Via Pinciana 21
Roma.

1. Please supply to "Genio Civile", Florence 100 (one hundred) quintals of alum ex stocks held at your factory at Castellina in Chianti (prov. Siena) for purification of water for the city of Florence.

2. Arrangements regarding transportation and payment for the above quantity of alum will be made by "Genio Civile", Florence, directly with you.

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to:
H.Q. AMG Florence
(Attn. Capt. Perkins)

2661

2662

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION RSC/mm

Tel. 478090

1 June, 1945

Ref. AC/5568/IND

SUBJECT: Purification of Florence city
Water Supply

TO : Allied Force Headquarters, G-5 Section

1. Reference is made to your letter M-3, dated 26 May 1945.

2. Following a request of HQ AMG Florence, this Sub-Commission arranged that 10 tons of alum and 7 tons of chloride of lime be supplied to "Genio Civile, Florence" for purification of water.

For the Chief Commissioner:

W. J. MASKREY
Lt. Colonel,
Acting Director
Industry Sub-Commission.

2661

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY DEPARTMENT

VD/mla

Tel. 489081 - Ext. 543

21 January 1946

Ref. AC/6568/IND

SUBJECT : Water Supply Florence.

TO : Ministry of Industry and Commerce
(Attn: Dr. E. Lubrano)

1. This letter will confirm the information given you verbally, in December, by Eng. B. Florio of this office, regarding firms able to supply the alum (solfato d'alluminio) and calcium chloride (cloruro di calce), required by the city of Florence's water works for purification purposes.

2. These firms are : S.A.L.P.A. of Castellina in Chianti which could supply the 2 tons/month of alum needed; while the firm "Solvay" at Rosignano can readily furnish the 10 tons/month of calcium chloride.

3. Would you kindly furnish this office with written confirmation that the Italian authorities concerned, have already taken steps to assure the Florence Public Works with the above mentioned chemical supplies hereafter.

4. We have to advise that the above mentioned items have not yet been supplied from Italian sources as agreed previously. The Allied Armed Forces which in the past have furnished these chemicals, essential to the proper maintenance of a sanitary water supply for the civilian population of Florence, have notified us that they will no longer accept responsibility in the matter.

CHARLES FEWINGS
Major RASC
Chief
Industry Department

Copy to:
Economic Section
Public Works & Util. Dept.
Ministry of Public Works
(Attn.: Eng. A. Asta)

Receipt acknowledged by:
Dr. E. Lubrano
22 January 1946

2660

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DELL'INDUSTRIA E COMMERCIO
Dir. Gen. Industria e Miniere
Div. IV/Ind.

Prot. 630653

Roma, 26 Gennaio 1946

ALLA : COMMISSIONE ALLEATA
Industry Department

OGGETTO : Depurazione delle acque.

1. Si fa riferimento al foglio No. AC/5568/IND, in data 21 corrente, con il quale sono stati comunicati i nominativi delle ditte in grado di fornire solfato di alluminio e cloruro di calce, richiesti dalla città di Firenze per la depurazione delle acque.

2. In proposito si informa, che opportune comunicazioni in proposito sono state fatte, in data 24 corrente, al Comune di Firenze e in data odierna al Ministero dei Lavori Pubblici.

p.IL MINISTRO
s/illegibile

LU/BR

2659

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

Rome, 26 January 1946

MINISTRY OF INDUSTRY & COMMERCE
Gen. Dir. Industry and Mining
Div. IV/Ind.

TO: ALLIED COMMISSION
INDUSTRY DEPARTMENT

Prot. No. 630653

SUBJECT : Purification of water.

1. Reference is made to your letter Ref. AC/5568/IND. dated 21 inst., in which the names were given of the firms capable of supplying aluminium sulphate and calcium chloride to the city of Florence for the purification of the water supply.

2. We wish to inform you that the Commune of Florence was notified by us of the above matter on the 24th inst., and the Ministry of Public Works was informed today.

FOR THE MINISTER
Illegible

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081 Ext.317

IWL/ab

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

062/FWU

26 January 1946

SUBJECT: Florence water supply

TO : Minister of Public Works
(Attn: Prof. Acta)

1. Confirmation is hereby made to telephone conversation of 26 Jan 46 and to letter from Industry Department AC to Minister of Industry and Commerce copy of which letter was received by you, reference AC/5568/IND, 26 Jan 46.

2. This is to notify that the furnishing of chemicals for the Florence water supply has ceased to be made from military stocks since 1 Jan 46 and will thereafter have to be arranged for by the Italian Government.

3. The "S.A.L.P.A." and "Solvay" firms are in position to furnish the required chemicals in accordance with para 2 letter AC/5568/IND-26 Jan 46 referred to above.

4. Please have this letter acknowledged by your Ministry since the reponsibility for the purity of the water at Florence, for human consumption, comes within the jurisdiction of the Ministry of Public Works.

5. It is recommended that your Ministry together with the Department of health arrange to send representatives to Florence to insure that the proper steps are taken to continue the correct treatment at the city's water supply in order to eliminate any possibility of epidemics or disease amongst the civil population.

2657

GEORGE F. PARKER
Colonel, Inf.,
Chief Elec. Div.

Declassified E.O. 12356 Section 3.3/NND No. 785019

File

NWH/ot

Ext. 339

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

109

6 Feb 46

062/PWU

SUBJECT : Pipe for Aqueduct of Vietri sul Mare

TO : Ministero degli Affari Esteri

1. Reference your 6/4991/3174 dated 8 December 1945 and your 6/427/140 dated 26 January 1945.

2. A copy of the reply of the Ministry of Public Works was forwarded by them to you. However, as it does not seem to have reached you we are forwarding another copy to you.

N.W. HYLAND,
Major, Spec. Res.,
Chief, Pub. Wks Div.

Enclosure : 1

2656

Declassified E.O. 12356 Section 3.3/NND No. 785019

Public Works
6/427/140

108

Ministero degli Affari Esteri

MEMORANDUM FOR THE ALLIED COMMISSION

- Public Works Sub-Commission -

1. Reference is made to this Ministry's memorandum 6/4991/3174, dated December 8th, 1945.

2. An early reply would be greatly appreciated.

MINISTERO DEGLI AFFARI ESTERI

Rome, January 26th, 1946

2655

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: 480081
Ext: 317

LWL/ec

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

31 January 1946

101

C62/PWU

SUBJECT: Water Supply, Florence

TO : Allied Force Headquarters
G-5 Section, APO 512
(Att: Assistant Chief of Staff)

1. Reference your M.3 dated 17 November 1945
our C59/I&U dated 30 November 1945
your M.3 dated 4 December 1945
your M.3 dated 16 January 1946
our cable 439 dated 21 January 1946
your cable C-15900 dated 22 January 1946

2. Reference para 1 and 2 your M.3 dated 17 November 1945 and para 1 your M.3 dated 4 December 1945. Enclosed is copy of letter AC/5756/IND - 1 June 45 wherein instructions were given to S.A.L.P.A. to supply chemicals to the "Genio Civile" Florence for use in purifying the Florence water supply. Also enclosed copy of letter AC/5568/IND - 1 June to G-5 AFHQ notifying that Alum and Lime for Florence had been arranged for. A search of AC files does not disclose what steps were taken thereafter (The personnel which handled the matter are no longer with AC), however, it now seems evident that the military have continued supplying these chemicals up to present time.

3. Para 2 your M.3 dated 17 November 1945. Upon receipt of this letter the matter was taken up personally with Dr. Lubrano, Chief of the Chemical Division, at the Ministry of Industry and Commerce. At the same time this official was given the names and addresses of the manufacturers in the Florence area who were in a position to furnish the required chemicals. This was covered by our letter C59/I&U - 30 November 1945 to Economics and Supply Division G-5 AFHQ.

4. Reference para 2 your M.3 dated 4 December 1945. Numerous verbal requests were made of the Minister of Industry and Commerce to furnish written acknowledgement of acceptance of responsibility for supplying of chemicals. Finally AC wrote the Ministry of Industry and Commerce on 21 January 1946, copy enclosed, reference AC/5568/IND.

2654

An acknowledgment to this letter has been made by the Direttore Generale of the Division of Industry and Mining of the Ministry of Industry and Commerce per letter 28 January 1946, Reference C50-668, copy enclosed.

Declassified E.O. 12356 Section 3.3/NND No. 785019

In addition A.C. has contacted the Ministry of Public Works by notifying them of their responsibility in the matter as per letter of 26 January 1946, Reference 062/PWU copy attached. The date of 1 January 1946 was stated as the time when supplying these chemicals from military stocks would cease in order to speed up government action in this matter. As soon as an acknowledgement is received from them, a copy will be forwarded to you.

In view of past difficulties and of possible further delay on the part of the Italian Government, in getting under way on the supplying of these chemicals, this Headquarters is in accord with your arrangements to continue supplying chemicals until 1 February 1946, which was the subject of your cable C-15909 dated 22 January 1946 to ALCOM.

As an additional precaution this Headquarters is in accord with your recommendation that the water used by Allied personnel be treated before consumption until it is definitely established that the city of Florence is adequately treating its water supply.

5. Reference para 4 (2) your M.5 dated 17 November 1945, and para 3 your M.3 dated 4 December 1945. The Chief Accountant of Allied Supply Accounting Agency has been consulted in this matter. He states that as soon as price issue vouchers, duly acknowledged by the receiving authorities, are received by this Headquarters, they should be handed to him for debiting to the Italian Government in sterling. This, however, he can only do if:-

(a) the issues were made prior 30 November 1945
and (b) the chemicals in question are of imported origin

If the issues were made after 30 November 1945 ASAA advises that the accounting cannot be done on behalf of Allied Commission, but will have to be handled by AFHQ. If the chemicals concerned are of Italian origin they do not constitute a proper sterling charge to the Italian Government.

For the Chief Commissioner

Harlan Cleveland

HARLAN CLEVELAND
Acting Vice President

(Spare copy to Col. Lyman Kirkpatrick)

2653

c.c.to: Executive Commissioner
Chemical Section Industry & Util. S/C.
Economic Section
Elec. Sec. Industry & Util. S/C. ✓

6 enclosures: copy letter AC/5730/Ind - 1 June 45 to S.A.L.P.A.
" " AC/5568/Ind - 1 June 45 to G-5
" " AC/5568/Ind -21 Jan. 46 to Min. Ind. & Comm.
" " 630663 - 26 Jan. 46 from Min. Ind. & Mining (in Italian)
" " 630663 - 26 Jan. 46 from Min. Ind. & Mining (translation
" " 062/PWU- 26 Jan. 46 to Min. Public Works

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION RSO/mm

Tel. 478090

Ref. AC/5730/IND

SUBJECT : Supply of Alum

TO : Societa' S.A.L.P.A.
c/o Studio Tecnico Prof. Renzi
Via Pinciana 21
Rome.

1. Please supply to "Genio Civile", Florence 100 (one hundred) quintals of alum ex stocks held at your factory at Castellina in Chianti (prov. Siena) for purification of water for the city of Florence.

2. Arrangements regarding transportation and payment for the above quantity of alum will be made by "Genio Civile", Florence, directly with you.

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission

Copy to:-
H.Q. AMG Florence
(Attn. Capt. Perkins)

2651

2652

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

RSO/mm

Tel. 478090

Ref. AC/5568/IND

SUBJECT : Purification of Florence city
Water Supply

TO : Allied Force Headquarters, G-5 Section

1 . Reference is made to your letter M-3, dated 26 May 1945.

2. Following a request of HQ AMG Florence, this Sub-Commission arranged that 10 tons of alum and 7 tons of chloride of lime be supplied to "Genio Civile, Florence" for purification of water.

For the Chief Commissioner:

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission

Copy to :-
Economic Section
(Attn.: Capt. Atkins)
File 5730

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y
4.

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY DEPARTMENT

VD/mla

Tel. 489031 - Ext. 543

21 January 1946

Ref. AC/5568/IND

SUBJECT : Water Supply Florence.

TO : Ministry of Industry and Commerce
(Attn: Dr. E. Lubrano)

1. This letter will confirm the information given you verbally, in December, by Eng. E. Florio of this office, regarding firms able to supply the alum (solfato d'alluminio) and calcium chloride (cloruro di calce), required by the city of Florence's water works for purification purposes.

2. These firms are : S.A.L.F.A. of Castellina in Chianti which could supply the 2 tons/month of alum needed; while the firm "Solvay" at Rosignano can readily furnish the 10 tons/month of calcium chloride.

3. Would you kindly furnish this office with written confirmation that the Italian authorities concerned, have already taken steps to assure the Florence Public Works with the above mentioned chemical supplies hereafter.

4. We have to advise that the above mentioned items have not yet been supplied from Italian sources as agreed previously. The Allied Armed Forces which in the past have furnished these chemicals, essential to the proper maintenance of a sanitary water supply for the civilian population of Florence, have notified us that they will no longer accept responsibility in the matter.

CHARLES FEVINGS
Major RASC
Chief
Industry Department

Copy to:
Economic Section
Public Works & Util. Dept.
Ministry of Public Works
(Attn.: Eng. A. Asta)

Receipt acknowledged by:
Dr. E. Lubrano
22 January 1946

2650

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DELL'INDUSTRIA E COMMERCIO
Dir. Gen. Industria e Miniere
Div. IV/Ind.

Prot. 630653

Roma, 26 Gennaio 1946

ALLA : COMMISSIONE ALLEATA
Industry Department

OGGETTO : Depurazione delle acque.

1. Si fa riferimento al foglio No. AC/5568/IND, in data 21 corrente, con il quale sono stati comunicati i nominativi delle ditte in grado di fornire solfato di alluminio e cloruro di calce, richiesti dalla città di Firenze per la depurazione delle acque.

2. In proposito si informa, che opportune comunicazioni in proposito sono state fatte, in data 24 corrente, al Comune di Firenze e in data odierna al Ministero dei Lavori Pubblici.

P.IL MINISTRO
s/illegibile

LU/ER

2649

Declassified E.O. 12356 Section 3.3/NND No. 785019

T R A N S L A T I O N

Rome, 26 January 1946

MINISTRY OF INDUSTRY & COMMERCE
Gen. Dir. Industry and Mining
Div. IV/Ind.

TO: ALLIED COMMISSION
INDUSTRY DEPARTMENT

Prot. No. 630653

SUBJECT : Purification of water.

1. Reference is made to your letter Ref. AC/5568/IND. dated 21 inst., in which the names were given of the firms capable of supplying alluminium sulphate and calcium chloride to the city of Florence for the purification of the water supply.

2. We wish to inform you that the Commune of Florence was notified by us of the above matter on the 24th inst., and the Ministry of Public Works was informed today.

FOR THE MINISTER
Illegibile

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081 Ext.317 LvL/ab

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

062/FWU 26 January 1946

SUBJECT: Florence water supply

TO : Minister of Public Works
(Attn: Prof. Asta)

110 refers

1. Confirmation is hereby made to telephone conversation of 26 Jan 46 and to letter from Industry Department AC to Minister of Industry and Commerce copy of which letter was received by you, reference AC/5568/IND, 26 Jan 46.

2. This is to notify that the furnishing of chemicals for the Florence water supply has ceased to be made from military stocks since 1 Jan 46 and will thereafter have to be arranged for by the Italian Government.

3. The "S.A.L.F.A." and "Solvay" firms are in position to furnish the required chemicals in accordance with para 2 letter AC/5568/IND-26 Jan 46 referred to above.

4. Please have this letter acknowledged by your Ministry since the responsibility for the purity of the water at Florence, for human consumption, comes within the jurisdiction of the Ministry of Public Works.

5. It is recommended that your Ministry together with the Department of health arrange to send representatives to Florence to insure that the proper steps are taken to continue the correct treatment at the city's water supply in order to eliminate any possibility of epidemics or disease amongst the civil population.

2647

GEORGE F. PARKER
Colonel, Inf.,
Chief Elec. Div.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Capt Highland

C 15909
JAN 221834 A

G/7831
JAN 230900

ROUTINE

AFHQ Q BRANCH GHQ CMF

ALCOM

UNCLASSIFIED.

Our C 15468 of 21 January 46 to DISTHR for your information.

"Further to your QG 4912 dated 10 Jan and letter 342 Q of 18 January conversation Mason Sibree refers.

1. All supplies for sterilisation of Florence water supply will be discontinued wef 1 Feb.

2. Military water points will be established if the civil supply is not fit for drinking. Not considered likely that Italian Government can take over present sterilization commitment.

AC DIST

ACTION : Pulbic Health S/C
Info: Chief Commissioner
C.A. Section
File 2
Float
Ec Soc (3)
Ind & Ut S/C (1)

2676

Mr Sullivan:
This should have been
for your action, I believe.
It's becoming urgent! CH 25/1

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

OUTGOING MESSAGE

FROM : HQ ALCOM CITE ACPWU 211230 Jan 1946

TO : A.F.U.E. -G-5

UNCLASSIFIED

Ref.No: 439

Chemicals for water supply Florence is subject.

1. Reference your letter 16 January 1946 file M 3 which was received here 19 January.

2. Ministry Industry and Commerce has been pressed to make formal written acceptance of responsibility for supply of chemicals to confirm verbal acceptance which they made in November. Matter is expected to be cleared up in next few days and you will be advised.

Precedence : PRIORITY

Office of origin : Industry and Utilities S/C

Tel.No. : 317

DISTRIBUTION : Executive Commissioner
Economic Section

2645

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION

APO 394

Office of the Executive Commissioner

Ref: 5409/33/EC 19 January 1946

SUBJECT: Water Supply - FLORENCE

TO : Economic Section

1. Attached copy of AFHQ letter dated 16 January 1946 subject as above is forwarded for your immediate action.

2. Please prepare reply for the signature of the Executive Commissioner.

Simeon R. Holmes
Maj. Ord Dept
Chief Staff Officer
to Executive Commissioner

Encl: 1

2644

Declassified E.O. 12356 Section 3.3/NND No. 785019

2625.

Econ Sec

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref: M-3

16 January 1946

SUBJECT: Water Supply - FLORENCE

JAN 18 1946

TO : Headquarters, Allied Commission, APO 394
(Attn: Executive Commission)

1. Copies are attached of following correspondence:

(a) AFHQ G-5 letter M-3 dated 17 November 1945
(b) A.C. letter 038/IU dated 30 November 1945
(c) AFHQ G-5 letter M-3 dated 4 December 1945

2. No reply has yet been received to our M-3 dated 17 Nov. para 5 or to our M-3 dated 4 December para 3. In addition information has been received from No.3 District that they are being called upon once more to produce the necessary sterilization chemicals for the water supply for the month of January, although the attention of the Allied Commission was drawn on 26 May 1945 to the fact that this was a civil commitment.

3. It is requested, therefore, that you will furnish replies to our two letters under reference by 19 January and confirm that the ITALIAN Government is prepared to shoulder its responsibility in respect of the supply of these chemicals. Units have already begun to carry out their own water sterilization and if the ITALIAN Government does not produce the chemicals concerned it may be necessary to restrict sterilization to military water points.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

18 JAN 1946

2643

A. L. HAMBLEN
Brigadier General, G.S.C.
Assistant Chief of Staff, G-5

Copy to: "Q"

Incls: As above

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

HEADQUARTERS ALLIED COMMISSION

OUTGOING MESSAGE

FROM (A) HQ AIOCH CITS ACFWU 211230 JAN 46

TO (FOR ACTION) A.F.H.Q. - G-5

Ref. No. 439

Security
Classification UNCLASSIFIED

CHEMICALS FOR WATER SUPPLY FLORENCE IS SUBJECT PD

PARA ONE PD REFERENCE YOUR LETTER ONE SIX JANUARY ONE NINE FOUR FIVE

FILE MIKE THREE WHICH WAS RECEIVED HERE ONE NINE JANUARY PD

PARA TWO PD MINISTRY INDUSTRY AND COMMERCE HAS BEEN PRESSED TO MAKE FORMAL

WRITTEN ACCEPTANCE OF RESPONSIBILITY FOR SUPPLY OF CHEMICALS TO CONFIRM

VERBAL ACCEPTANCE WHICH THEY MADE IN NOVEMBER PD MATTER IS EXPECTED

TO BE CLEARED UP IN NEXT FEW DAYS AND YOU WILL BE ADVISED

2642

Precedence PRIORITY

Office of origin Industry and Utilities S/C

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

038/I&U

Ref: M-3

4 December 1945

SUBJECT: FLORENCE City - Water Supply

TO : Headquarters, Allied Commission, APO 394
(Attn: Industry & Utilities Sub-Commission)

Reference your 038/I&U dated 30 Nov 45.

1. Your para 2. Will you please quote reference and dates of correspondence referred to. The only known provision of chemicals for the above scheme is that mentioned in this HQ letter of even reference dated 17 Nov 45. Please answer para 5 of our letter M-3 of 17 Nov and state what action was taken by Allied Commission.

2. Your para 3. Noted. Will you please confirm, that the ITALIAN Government has in fact taken steps to provide these chemicals as from 1st January 1946?

3. Your para 4. Action still required of you, is as outlined in para 4(2) of this HQ memo ref. M-3 of 17 Nov 45. Vouchers will be forwarded to you immediately they are received by this Section.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

V/ P. Cross Johnson
for

A. L. HAMBLEN
Brigadier General, G.S.C.
Assistant Chief of Staff, G-5

26.7.45

Copy to: Q(Maint) - ref phone conversation Majors SIBREE - JEFFERY, it is requested that ST be asked to expedite rendition of vouchers to this Section.

INDUSTRY & UTILITIES S/C.
DEC 19
Director
Deputy Director
Fuel Officer
Pub Wks & U. Exp.

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref: M-3

4 December 1945

SUBJECT: FLORENCE City - Water Supply

TO : Headquarters, Allied Commission, APO 394
(Attn: Industry & Utilities Sub-Commission)

Reference your 038/IEU dated 30 Nov 45.

1. Your para 2. Will you please quote reference and dates of correspondence referred to. The only known provision of chemicals for the above scheme is that mentioned in this HQ letter of even reference dated 17 Nov 45. Please answer para 5 of our letter M-3 of 17 Nov and state what action was taken by Allied Commission.

2. Your para 3. Noted. Will you please confirm, that the ITALIAN Government has in fact taken steps to provide these chemicals as from 1st January 1946?

3. Your para 4. Action still required of you, is as outlined in para 4(2) of this HQ memo ref. M-3 of 17 Nov 45. Vouchers will be forwarded to you immediately they are received by this Section.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

V/ P. Warren Johnson
Lt Col.

A. L. HAMBLEN
Brigadier General, G.S.C.
Assistant Chief of Staff, G-5

Copy to: Q(Maint) - ref phone conversation Majors SIERRE - JEFFERY, it is requested that ST be asked to expedite rendition of vouchers to this Section. 2640

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: AB3083 Extn 317

LWI/bb

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

30 Nov 1945.

038/I&U

SUBJECT: Water Supply Florence.

TO : A.F.H.Q. G-5 Section, APO 512.
(Att: Economics & Supply Division.)

1. Ref. your M-3 dated 17 Nov 1945.

2. As advised in previous correspondence the requirements of water treating chemicals for the Florence water system have been provided for up to 1st Jan ~~1945~~ 1946.

3. We wish to point out that the responsibility for the maintenance of these supplies is now that of the Italian Government. with which of course we will continue to cooperate.

4. We have advised the appropriate Italian Ministries regarding where Alum and Chloride of Lime can be obtained in the future in the requisite quantities and presume that no further action in this matter will be required by this Office.

A. H. SULLIVAN,
Director.

2639

c.c. to Economic Section
c.c. Public Wks & Util. Dept.
c.c. Industry Dept.
c.c. Ministry of Industry & Commerce
c.c. Ministry of Public Wks.,
(Att: Eng. A. Anta.)

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

ROUTING AND WORK SHEET

Each note must be numbered and each space completely filled in. THIS WORK SHEET MUST NOT BE REMOVED FROM THE CORRESPONDENCE TO WHICH ATTACHED UNTIL ACTION IS COMPLETED AND THEN FILED WITH FILE COPIES OF COMMUNICATION TO WHICH IT PERTAINS. A line will be drawn the full width of the page under each note.

SUBJECT: Water Supply - Florence

No	Date	To	REMARKS	From
1	11-28 '45	Chief, Ind. Dept.	1. The writer is forwarding you documents received in the above connection for proper disposition. 2. The matter is confusing, in that the writer cannot understand why AFHQ, G-5, should be concerned in the Florence water supply, which would seem to be wholly the concern of the Italian Government now. 3. As far as the writer can understand, all that he is requested to do is to advise as to whether chloride of lime can be obtained in the requested quantity. 4. The answer is yes: from Solvay company, from its plants at Rosignano. 5. It is presumed that the reply to AFHQ will be drafted by Public Utilities Department. V. DORKOVICH Chief, Chemicals Division Attachments As per para 1. above.	VD/emg 2638
2	29 Nov.	Chief, Chem. Div.	Please prepare a reply to this together with Public Works Dept. This is URGENT.	

PAGE .....

Use other side

Declassified E.O. 12356 Section 3.3/NND No. 785019

Water Supply - Florence

1 11-28 Chief,
'45 Ind. Dept.

VD/emg

1. The writer is forwarding you documents received in the above connection for proper disposition.

2. The matter is confusing, in that the writer cannot understand why AFHQ, G-5, should be concerned in the Florence water supply, which would seem to be wholly the concern of the Italian Government now.

3. As far as the writer can understand, all that he is requested to do is to advise as to whether chloride of lime can be obtained in the requested quantity.

4. The answer is yes: from Solvay company, from its plants at Rosignano.

5. It is presumed that the reply ..... to AFHQ will be drafted by Public Utilities Department.

2637

V. DORKOVICH
Chief,
Chemicals Division

Attachments
As per para 1. above.

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

INDUSTRY & UTILITIES S/C.
20 NOV 1945
Director
Director
Dept.
Dept.
& U. Dept.

ROUTING AND WORK SHEET

Each note must be numbered and each space completely filled in. THIS WORK SHEET MUST NOT BE REMOVED FROM THE CORRESPONDENCE TO WHICH ATTACHED UNTIL ACTION IS COMPLETED AND THEN FILED WITH FILE COPIES OF COMMUNICATION TO WHICH IT PERTAINS. A line will be drawn the full width of the page under each note.

A. H. S.
20/11 Sec'y
File

SUBJECT: Water Supply - Florence. NC

No	Date	To	REMARKS	From
1	19 Nov.	Industry & Utilities S/C	1. Request that a reply be prepared, with copy to this office. 2. Please note & Oversee matter in AFHQ by 30 Nov.	Supply Group. B. Morgan
		SUSPEND TO: 24 Nov. 45		
2	24/11			

2636

PAGE .....

Use other side

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Q sub 561
2082 Florence Box

Ref: M-3

17 November 1945

SUBJECT: Water Supply - FLORENCE

TO : Headquarters, Allied Commission, APO 394.

1. Under reference of this HQ letter M-3 dated 26 May 1945, the attention of the AC was drawn to a signal received at this HQ from HQ Florence Command, in which it was requested that a monthly allocation of 10 tons of Chloride of Lime and 10 tons of Alum be provided for the purification of the City of FLORENCE water supply.

2. To meet the then existing emergency, this HQ authorised releases of these chemicals for a period of 2 months only, but at the same time, stressed that all future requirements must be obtained through Civil channels.

In this respect, AC was asked to give the matter its immediate attention and initiate action as was deemed necessary to ensure the future supply of chemicals for water purification purposes.

3. A further letter, reference as above dated 28 May, notified AC that the Salpa firm, FLORENCE, was producing 2 tons of Alum per day at CASTELLINA IN CHIANTI, near SIENNA, and in view of this the release of Alum from military stocks was cancelled. See also your letter, ref 306/PWU dated 12 June.

4. The following is an extract from a letter from this HQ to HQ, No 3 District:-

"1. Authority is given for issue of 15 tons of Chlorine and 15 tons of Aluminium Sulphate for sterilisation of FLORENCE water supply until end of Dec 1945.

2. G-5 is requested to ensure that the value of these supplies is noted in AC's books as a charge against the Italian Government in sterling. ST will forward necessary vouchers to G-5 for this purpose.

3. G-5 are also requested to investigate as to whether AC can take over this commitment wef 1 Jan, as it is not a proper military responsibility."

5. In view of the disclosures in para 4 above, will you please notify this HQ by not later than 30 Nov what action was taken by Allied Commission on receipt of letters referred to in paras 1 and 3 above, and take action mentioned para 4(2) above.

For the Assistant Chief of Staff, G-5

J. G. Jeffery

F.G.Jeffery, Capt, RE,
Economics and Supply Division.

Copy to: Q(Maint).

Declassified E.O. 12356 Section 3.3/NND No. 785019

* Industry so people say they can supply
10 tons of Chloride of Lime from the
Solvay Co. at Rosignano.
They will be waiting for further instructions

f3

Declassified E.O. 12356 Section 3.3/NND No. 785019

Water supply Plan

17 Aug. 45

Ref M-3

G-3 - A.F.H.Q

Kenin & Mr. Dominiches Office

at 16.15 P.M 23/11/43 -

He to check back with

us and give us the info.

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED CONTROL COMMISSION
INTER OFFICE MEMO

Tel. 559
From: IND.

File No:
JAN 28 1946 194

Subject: FLORENCE WATER
To : PUB. UTL. DIV. I & U S/C.

Enclosed letter for your action.

N. I. SHAPIRA
MAJOR, C. W. S.

Declassified E.O. 12356 Section 3.3/NND No. 785019

5570
OA
26 [illegible] 1946

Roma 26 GEN 1946 XX

Ministero dell'Industria e del Commercio
Dir. Gen. Industria e Miniere
Div. IV/Ind.
Tel. T. 630653 Allegato

ALLA COMMISSIONE ALLEATA
TA- Industry Department

Risposta al f. N° del

OGGETTO: Depurazione delle acque.-

1.- Si fa riferimento al foglio n. AC/5568/IND., in data 21 corrente, con il quale sono stati comunicati i nominativi delle ditte in grado di fornire solfato di alluminio e cloruro di calce, richiesti dalla città di Firenze per la depurazione delle acque.

2.- In proposito si informa che opportune comunicazioni in proposito sono state fatte, in data 24 corrente, al Comune di Firenze e in data odierna al Ministero dei Lavori Pubblici.

IL MINISTRO

2632

LU./BR.

Declassified E.O. 12356 Section 3.3/NND No. 785019

T R A N S L A T I O N

Rome, 26 January 1946

MINISTRY OF INDUSTRY & COMMERCE
Gen. Dir. Industry and Mining
Div. IV/Ind.

TO: ALLIED COMMISSION
INDUSTRY DEPARTMENT

Prot. No. 630653

SUBJECT : Purification of water.

1. Reference is made to your letter Ref. AC/5568/IND. dated 21 inst., in which the names were given of the firms capable of supplying alluminium sulphate and calcium chloride to the city of Florence for the purification of the water supply.

2. We wish to inform you that the Comune of Florence was notified by us of the above matter on the 24th inst., and the Ministry of Public Works was informed today.

FOR THE MINISTER
Illegible

2630

Declassified E.O. 12356 Section 3.3/NND No. 785019

MINISTERO DELL'INDUSTRIA E COMMERCIO
Dir. Gen. Industria e Miniere
Div. IV/Ind.

Prot. 630653

Roma, 26 Gennaio 1946

ALLA : COMMISSIONE ALLEATA
Industry Department

OGGETTO : Depurazione delle acque.

1. Si fa riferimento al foglio No. AC/5568/IND, in data 21 corrente, con il quale sono stati comunicati i nominativi delle ditte in grado di fornire solfato di alluminio e cloruro di calce, richiesti dalla cittA di Firenze per la depurazione delle acque.

2. In proposito si informa, che opportune comunicazioni in proposito sono state fatte, in data 24 corrente, al Comune di Firenze e in data odierna al Ministero dei Lavori Pubblici.

p.IL MINISTRO
a/illegibile

LU/ER

2629

Declassified E.O. 12356 Section 3.3/NND No. 785019

A.C. Chief Accountant
Finance Sub-Commission

3./ The Chief accountant of Allied Supply Accts Agency has been consulted in this matter. He states that as soon as the priced issue vouchers duly acknowledged receipted by the receiving authorities are received by us from you, they would be handed to the Italian Chief Acct A.S.A.A for debiting to the Italian Government in sterling. This however he can only do if a. the issues were made prior to 30 November 1945

and b. the chemicals in question are of imputed origin

If the issues were made after 30 November 1945 the accounting cannot be done by ASAA on behalf of allied Commission. Instructions will have to be sought by you as the proper procedure in disposing for these items accounting for these items. If the chemicals concerned are of Italian origin they do not constitute a proper sterling charge to the Italian Government.

2628

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY DEPARTMENT

VD/mla

Tel. 489081 - Ext. 543

21 January 1946

Ref. AC/5588/IND

SUBJECT : Water Supply Florence.

TO : Ministry of Industry and Commerce
(Attn.: Dr. E. Lubrano)

1. This letter will confirm the information given you verbally, in December, by Eng. E. Florio of this office, regarding firms able to supply the alum (solfato d'alluminio) and calcium chloride (cloruro di calce), required by the city of Florence's water works for purification purposes.

2. These firms are : S.A.L.P.A. of Castellina in Chianti which could supply the 2 tons/month of alum needed; while the firm "Solvay" at Rosignano can readily furnish the 10 tons/month of calcium chloride.

3. Would you kindly furnish this office with written confirmation that the Italian authorities concerned, have already taken steps to assure the Florence Public Works with the above mentioned chemical supplies hereafter.

4. We have to advise that the above mentioned items have not yet been supplied from Italian sources as agreed previously. The Allied Armed Forces which in the past have furnished these chemicals, essential to the proper maintenance of a sanitary water supply for the civilian population of Florence, have notified us that they will no longer accept responsibility in the matter.

2627

CHARLES FEWINGS
Major BASC
Chief,
Industry Department.

Copy to :
Economic Section
Public Works & Util. Dept.
Ministry of Public Works
(Attn.: Eng. A. Asta)

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

Tel. 478090

RSO/mm

Ref. AC/5568/IND

1 June 1945

SUBJECT : Purification of Florence city Water Supply

TO : Allied Force Headquarters, G-5 Section

1. Reference is made to your letter M-3, dated 26 May 1945.

2. Following a request of HQ AMG Florence, this Sub-Commission arranged that 10 tons of alum and 7 tons of chloride of lime be supplied to "Genio Civile, Florence" for purification of water.

For the Chief Commissioner:

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission

Copy to :-
Economic Section
(Attn.: Capt. Atkins)
File 5730

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

RSO/mm

1 June 1945

Tel. 478090

Ref. AC/6730/IND

SUBJECT : Supply of Alum

TO : Societa' S.A.L.P.A.
c/o Studio Tecnico Prof. Rensi
Via Pinciana 21
Rome.

1. Please supply to "Genio Civile", Florence 100 (one hundred) quintals of alum ex stocks held at your factory at Castellina in Chianti (prov. Siena) for purification of water for the city of Florence.

2. Arrangements regarding transportation and payment for the above quantity of alum will be made by "Genio Civile", Florence, directly with you.

W. J. MASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission

Copy to:-
H.Q. AMG Florence
(Attn. Capt. Perkins)

2625

106
Mod. 30

Ministero dei Lavori Pubblici

ISPETTORATO CENTRALE PER LE RIPARAZIONI EDILIZIE

RECEIVED
P.W. & U. A.C.
31 DEC 1945 062

Roma, li 27 DIC. 1945

N. 5508/4

OGGETTO: Assegnazione tubi ghisa - Ordinativo n.924.-

INDUSTRY & U...
31 DIC 1945
PWV

Al Provveditorato alle OO.PP.
NAPOLI

Ufficio del genio civile
SALERNO

Società Terni - Via Due Macelli 66
R O M A

e p.c.

→ Subcommission Industry and Utilities
Public Works Department - A.C.
Via Veneto
R O M A

Al Ministero Affari Esteri
R O M A

Sono state assegnate a codesto Provveditorato 48 tonn. di tubi di ghisa a cordone e bicchiere e pezzi speciali di diametro interno non superiore ai 60 mm. che saranno destinati all'ufficio del genio civile di Salerno per la riparazione dell'acquedotto di Vietri sul Mare.

Tale materiale sarà fornito dalla Società Terni, cui la presente è pure diretta, quale aliquota dell'ordinativo di consegna n.924 del 5-12-1945.

2624

L'ufficio del genio civile di Salerno preciserà con sollecitudine alla Soc. Terni [illegible]

ISTITUTO POLIGRAFICO DELLO STATO

Declassified E.O. 12356 Section 3.3/NND No. 785019

PWV & U. A.C.
31 DEC 1945 062

N. 5508/4

Al Provveditorato alle OO.PP.
NAPOLI

Ufficio del genio civile
SALERNO

OGGETTO: Assegnazione tubi ghisa - Ordinativo n.924.-

Società Terni - Via Due Macelli 66
R O M A

INDUSTRY & U.
31 DIC 1945
PWV

e p.c.
Subcommission Industry and Utilities
Public Works Department - A.C.
Via Veneto
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Al Ministero Affari Esteri
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Tale materiale sarà fornito dalla Società Terni, cui la presente è pure diretta, quale aliquota dell'ordinativo di consegna n.924 del 5-12-1945.

2624

L'ufficio del genio civile di Salerno preciserà con sollecitudine alla Soc.Terni le lunghezze, i diametri interni e le pressioni di esercizio dei tubi, prendendo accordi per il pagamento e la consegna.

La assegnazione dei tubi del diametro di 100 mm. richiesti pure per lo stesso acquedotto con ogni probabilità potrà essere fatta nel prossimo mese di gennaio.

IL MINISTRO
f.to Bruno

PER COPIA CONFORME
L' Ispettore Generale

Declassified E.O. 12356 Section 3.3/NND No. 785019

COMUNE DI CAPRAIA E LIMITE

PROVINCIA DI FIRENZE

RISPOSTA AL FOGLIO del 194

Div. ... Sez. ... N. ...

OGGETTO

N. 4541 di Protoc. 105

Categoria ... Classe ... Fascicolo ...

Allegati N. ...

Li 14 Dicembre 1945 194

On. Commissione Alleata
per i Lavori Pubblici
ROMA

TIPOGOMUNI - EMPOLI

RECEIVED
P.W. & U. A.C.
062
20 DEC 1945

Si prega codesta On. Commissione Alleata di voler cortesemente comunicare se ha in vendita tubazione di ferro.

In caso affermativo prego voler indicare le misure ed i prezzi relativi.

Tale tubazione dovrebbe servire per la costruzione di un acquedotto.

In attesa, ringrazio ed ossequio.

COMUNE DI CAPRAIA E LIMITE

IL SINDACO
(Negro Lee)

INDUSTRY & UTILITIES S/C
20 DEC 1945
2623

Declassified E.O. 12356 Section 3.3/NND No. 785019

OGGETTO

Allegati N.

Li 14 Dicembre 1945 194

On. Commissione Alleata
per i Lavori Pubblici
ROMA

TIPOGRAFIA EMPOLI

RECEIVED
P.W. & U. A.C.
20 DEC 1945
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In caso affermativo prego voler indicare le misure ed i prezzi relativi.

Tale tubazione dovrebbe servire per la costruzione di un acquedotto.

In attesa, ringrazio ed ossequio.

IL SINDACO
(Negro Leo)

2623

copy to Ettoggi
21/12/45

INDUSTRY & UTILITIES S/C.
20 DIC 1945
Pers. Wks & U. Dev.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Public Works

6/499/3174

10

Ministero degli Affari Esteri

RECEIVED
P.W. & U.
11 DEC 1945 062

MEMORANDUM FOR THE ALLIED COMMISSION
(Public Works Sub-Commission)

Subject: Aqueduct of Vietri sul mare, Province of Salerno.

1. Ambassador Guariglia has pointed out the extreme necessity of repairs, at the earliest opportunity, the aqueduct of the town Vietri sul mare, province of Salerno, which was badly damaged during the war.

2. However such repair, which would greatly relieve the difficult living conditions of the inhabitants of the a/m town, cannot be effected, because of the impossibility of securing the necessary piping.

3. The Ministry for Foreign Affairs should appreciate it greatly if the Allied Commission could consider the possibility of allotting the necessary material, namely:

a) 4 inches	(100 m/m)	pipes	–	meters 3.400
b) 3½ "	(80 " ")	"	–	" 270
c) 2 "	(50 " ")	"	–	" 3.300
d) 1½ "	(40 " ")	"	–	" 1.600

4. The Ministry for Foreign Affairs thanks the Allied Commission for their kind interest in the matter.

2622

Declassified E.O. 12356 Section 3.3/NND No. 785019

MEMORANDUM FOR THE ALLIED COMMISSION

(Public Works Sub-Commission)

Subject: Aqueduct of Vietri sul mare, Province of Salerno.

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3. The Ministry for Foreign Affairs should appreciate it greatly if the Allied Commission could consider the possibility of allotting the necessary material, namely:

a) 4 inches	(100 m/m)	pipes	– meters	3.400
b) 3½ "	(80 " ")	"	– "	370
c) 2 "	(50 " ")	"	– "	3.300
d) 1½ "	(40 " ")	"	– "	1.600

4. The Ministry for Foreign Affairs thanks the Allied Commission for their kind interest in the matter.

2622

Rome, December 8th, 1945

108 Aqu

MINISTERO DEGLI AFFARI ESTERI

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Ext.339 File CT/mc

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

103

062/PWU 26 Nov. 45

SUBJECT : Forwarding of correspondence

TO : 104 C.R.E. (Works)

1. Attached letter from the Commune of Rome, File Ref. 3656, Subject : Acqua per la Borgata di Torre Spaccata, is forwarded to you, as it seems to have been sent to this Sub-Commission in error.

For the Chief Commissioner.

N.W. HYLAND,
Major, C.E.,
Chief, P.W. Div.

1 Encl.

FIELD SERVICE 2821 OCT

HQ Allied Commission
Industries & Utilities Sub Comm.
APO-394. U.S. Army
Forwarded to PW a/c's Office CM.
in error.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel: AG2052 Ext: 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

LWL/bb

030/I&U

30 Nov 1945.

SUBJECT: Water Supply Florence.

To : A.F.H.Q. G-5 Section, APO 512.
(Att: Economics & Supply Division.)

RECEIVED
P.W. & U.
30 NOV 1945

1. Ref. your M-3 dated 17 Nov 1945.

2. As advised in previous correspondence the requirements of water treating chemicals for the Florence water system have been provided for up to 1st Jan 1946.

3. We wish to point out that the responsibility for the maintenance of these supplies is now that of the Italian Government, with which of course we will continue to cooperate.

4. We have advised the appropriate Italian Ministries regarding where Alum and Chloride of Lime can be obtained in the future in the requisite quantities and presume that no further action in this matter will be required by this Office.

A. H. SULLIVAN.
Director.

c.c. to Economic Section
c.c. Public Wks. & Util. Dept.
c.c. Industry Dept.
c.c. Ministry of Industry & Commerce.
c.c. Ministry of Public Wks.
(Att: Eng. A. Asta.)

2620

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION by : C.Tatti/ct

COMMUNE OF ROME
Municipalization
and Technological Services Dept. 16 Nov 45

101

REFERENCE : 3656

TO : Allied Military Command

SUBJECT : Water for Torre Spaccata Borough

Following requests made to the Consorzio Idraulico della Barbuta in order that they provide to the normalization of the water distribution in the Borough of Torre Spaccata and proximity , the a/m Consorzio has informed that the area in question will be in permanent order as soon as the distribution main to the Ciampino Airport will be disconnected from the grid belonging to the Consorzio Barbuta and connected to the new military acqueduct built by care of your Command.

As it seems that works for connection of the main to the new acqueduct must be carried out by the Command of the Field, we earnestly request your Command to arrange for early execution of such works, in order to improve the poor condition of the area so far as water distribution is concerned.

/s/ F.A. Doria Pamphili
Mayor

Original sent to 10A CRE (Works) on 26 Nov. 2619

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A
24 OCT 1945 062

100

ROME AREA ALLIED COMMAND
APO No 794 U.S. ARMY

Q. 179

TCP/mv
23 Oct 45

SUBJECT: Water Supply

TO : HQ Allied Commission
Public Works and Utilities Branch

1. The attached letters regarding the water supply at CIVITAVECCHIA are forwarded to you for necessary action, as it is understood from 104 CRE Works and Capt SHEPHERD of your Commission, that the problem is a civil one, which will be undertaken by Italian Ministry of Works.

for ALBAN LOW
Brigadier
Commander British Troops ROME

Copy to: School of Artillery
FLOAT

Taken up with Reggio...
28/10/45 L

2618

Declassified E.O. 12356 Section 3.3/NND No. 785019

Subject: Water Supply.

SCHOOL OF ARTILLERY CMF

Ref A/1/470

5 Oct 45.

To: G4(Br) RAAC,
CMF.

1. A copy letter dated 2 July 45 from the Mayor of Civitavecchia to CC AFOD No 12, the former occupants of the premises now occupied by the School of Artillery, is enclosed.

2. As no action was taken a further request has been received for the supply of the following piping :-

16 steel or cast iron pipes of internal diameter 125 mm(or 5 inches) or 100 mm (or 4 inches).

3. Can arrangements be made to supply the necessary piping.

Major R.A.
Commandant School of Artillery.

CMF
LNB/JL





Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

2 JULY 1945

COMUNE DI CIVITAVECCHIA
Provincia di Roma.

Water line office

No. Prot. 4302

The Officer Commanding
Air Force Ordnance Depot No 12
Civitavecchia, Italy.

Sir,

Since your Organisation moved into their actual Headquarters this office was able to supply fresh water - free of charge - by repairing the main water pipeline with the very primitive means then available, but such repairs could not, of course be everlasting.

We are now facing the necessity of having part of the main line piping replaced, but the material required for such purpose will not be at hand for an indefinite period of time, and we are taking the liberty of asking you whether you would be in a position as to supply this office with 30 cast iron water pipes 3", 4" and 5" diam. (ten pieces each dia.standard length) thus cooperating for hygiene and public welfare.

As a matter of fact the main line serving your place is serving part of the town too, and this part would be deprived of water until we could repair the main line. On the other hand we took the liberty of putting you to inconvenience only after our efforts for finding pipes elsewhere have turned vain.

Thanking you in advance we beg to remain, Sir,
Yours respectfully

Dr PIETRO SCALA
Mayor

Declassified E.O. 12356 Section 3.3/NND No. 785019

99

8 Sept 45

Shipping Ticket -

QMP Bsouth Depot Q-5N60

sent To Mr Eavenson

for action

8/10/45

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED [redacted] COMMISSION

INTER-OFFICE MEMORANDUM

SUBJECT: FILE No.

TO : Public Works, SC 194

It is not understood why you have caused this letter to be sent on to CAS. The message centre seems to have been correct in sending it to you in the first instance.

It is true that the write addressed to CAS but that is only because he knew no better - the subject seems to be eminently one for you SC

CAJ
20 OCT. 1945
X-605

Simple file may refer to

J.H. White Lieut.
2615

PWV

RECEIVED
P.W. & U. S/C A.C.
28 SEP 1945 0627

26 SET. 1945 Mod. 854

Presidenza del Consiglio dei Ministri

ALTO COMMISSARIATO
PER L'IGIENE E LA SANITA' PUBBLICA

Roma, 22 settembre 98 45

Div. VI/B Sez. I N.° 20179.3.64/I0684
Risposta al Foglio del
N.°

AL MINISTERO DEI LAVORI PUBBLICI
Direz. Gen. Urbanistica ed Opere
Igieniche
R O M A

e per conoscenza:

ALLA COMMISSIONE ALLEATA - Sezione Affari Civili APO 394
R O M A

OGGETTO : RAVENNA - APPROVVIGIONAMENTO IDRICO -

Da una relazione presentata a questo Alto Commissariato dalla Segreteria del Vice Presidente del Consiglio risulta che l'acquedotto e la fognatura del Comune di Ravenna sarebbero stati gravemente danneggiati a causa degli eventi bellici in quella provincia.

In conformità della circolare n.1 del 22.8.1944 sono state richieste a quella Prefettura dettagliate notizie in proposito, onde avere gli elementi per provvedere in merito, almeno per le necessità più urgenti.

Frattanto nell'attesa che il detto Ufficio invii i richiesti è pervenuta per conoscenza a questo Alto Commissariato la unita lettera che si trasmette in copia inviata dall'Ufficio degli Affari Civili della Commissione Alleata all'Ufficio di collegamento del Ministero degli Esteri e dalla quale si desume che le Autorità Militari Inglesi subito dopo l'occupazione di quella città, fecero eseguire le riparazioni alla condottura e provvidero all'impianto di 5 coppie di pompe Diesel H.D. con l'impianto di sterilizzazione a Torre Cedrera

Declassified E.O. 12356 Section 3.3/NND No. 785019

Div. VI/B Sez. I N.° 20179.B.64/I0684 ne Affari Civili APO 394

Risposta al Foglio del

N.°

ROMA

OGGETTO : RAVENNA - APPROVVIGIONAMENTO IDRICO -

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2614

Poichè viene segnalato che le pompe W.D. dovrebbero essere ritirate la città di Ravenna correrebbe il pericolo di rimanere senza acqua a meno che la Commissione Alleata non provveda a rimpiazzarle.

ALLIED COMMISSION

4190

Declassified E.O. 12356 Section 3.3/NND No. 785019

Poichè la provincia anzidetta è ora sotto la giurisdizione del Governo Italiano la Commissione Italiana suggerisce "che gli ingegneri italiani accertino immediatamente le condizioni locali al fine di evitare ogni privazione se e quando l'autorità militare ritirerà le pompe W.D."

Nel comunicare quanto sopra a codesto Ministero si prega di voler disporre, con l'urgenza che il caso richiede, i necessari accertamenti da parte del locale Ufficio del Genio Civile dando notizia dei provvedimenti adottati per garantire la continuità del servizio di approvvigionamento idrico in quella importante città/

Si resta in attesa di sollecito riscontro.

L'ALTO COMMISSARIO

CC/MT.

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION By : C.Tatti/ct

PRESIDENCY OF THE COUNCIL OF MINISTERS
Office of the High Commissioner
for Hygiene and Public Health

Reference : 20179.D.64/10684 26 Sep 45

To : Ministry of Public Works,
Direction General,
Town Planning and Hygienical Works.

Subject : Ravenna - Water Supply

It appears from a report submitted to this Office of the High Commissioner by the Secretary of the Vice President of the Council of Ministers that the aqueduct and sewage system of the Commune of Ravenna have been seriously damaged as a consequence of war actions in that Province.

In accordance with the provisions of Circular No. 1 dtd 22/8/44 we have requested from that Prefettura detailed information on that subject, in order that we may have the elements on which take action, if only on the most urgent requirements.

In the meanwhile, pending receipt of requested data from above mentioned Office, this High Commissioner has received a letter, copy of which is transmitted herewith, from the Civil Affairs Section, Allied Commission, addressed to the Liaison Office of the Foreign Ministry. The letter states that the British Military Authorities, immediately after occupation of that town, have carried out the repairs to the piping, and provided to install 5 couples of WD Diesel pumps with water purification plant at Torre Pedrera.

As it is stated that WD pumps should be removed, the town of Ravenna is running the risk of remeining without water, unless Allied Commission is going to replace a/m pumps.

As the above mentioned province is now under Italian Govt. jurisdiction, the Allied Commission suggests that "italian engineers make an immediate survey of the local conditions, in order to prevent any shortage if and when Military Authority withdraws the WD pumps".

In communicating the above to your Ministry, we request to arrange with the urgency required by the case, for necessary

Declassified E.O. 12356 Section 3.3/NND No. 785019

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As the above mentioned province is now under Italian Govt. jurisdiction, the Allied Commission suggests that "italian engineers make an immediate survey of the local conditions, in order to prevent any shortage if and when Military Authority withdraws the WD pumps".

In communicating the above to your Ministry, we request, to arrange with the urgency required by the case, for necessary surveys to be made by the local Genio Civile Office, informing us of the steps taken for ensuring continuation of water supply in that important town.

261 b

Acknowledgement at earliest requested.

THE HIGH COMMISSIONER

/s/ illegible

Copy to : ALLIED COMMISSION,
Civil Affairs Section,
APO 394.

ALLIED COMMISSION HEADQUARTERS 4190

Declassified E.O. 12356 Section 3.3/NND No. 785019

1047

Declassified E.O. 12356 Section 3.3/NND No. 785019

Suggest this be forwarded
to Public Works + Utilities.
Nothing Mining Dir. Can do.
See Remarks.

Jas.

Declassified E.O. 12356 Section 3.3/NND No. 785019

INDUSTRY SUB-COMMISSION
ROUTING SLIP

Date 13 SEP 1945

FROM	TO	INITIALS
MR. SIDNEY LAND		
MAJ. CHARLES FENTINGS		
MR. V.DORKOVICH DIV.I		
MAJ. J. ROSENBAUM DIV.II		
CAPT. R.W. HARDY DIV.III		
MR. H.R. WHITEHEAD DIV.IV		
CAPT. D.S. KINGERY DIV.V	(1)	FNS.
CAPT. R.B. BULLOCK DIV.VI		
MR.W.S. BACKHOUSE		
CHIEF CLERK-T/SGT.D.GIARDINA		
MAJ. L. HABAN JR.		
LT. LOUIS LEHR		
MR. S.D. BROOTZKOOS		
MR. S.H. MANION		
DR. R.W. REIBERT		
MR. MAX C. FARMER		
MR. J. RICHTER		
Pubs. Wks. & Util.	✓	
ECONOMIC SECTION		

FOR

_____ Necessary Action
_____ Investigation & Report
_____ Recommendation & Remarks
_____ Information
_____ Approval
_____ Signature
_____ To, note & return/pass on
_____ Discuss
_____ File
_____ B/F

REMARKS

Lieut. Hanau,
Your memo 2852
please.
I think that
Harris here goes to
Public Works in the
first place.
Media is at

Declassified E.O. 12356 Section 3.3/NND No. 785019

Translation

Sheet 16 B. 7581
in the province
of Ascoli.

AFO.

It sure can't running
try Pub Wks S/C.

Lee

13 SEP 1945

AC

L.12

RECEIVED
P.W. & U. S/C A.C.
19 SEP 1945 062

97

n.2331 prot.

ALLA SOTTOCOMMISSIONE DELL'INDUSTRIA c/o

R.A.A.C. - Via Veneto

ROMA

Il sottoscritto, Sindaco del Comune di Offida, in considerazione delle pessime condizioni di manutenzione in cui trovasi l'acquedotto Comunale di questa Città, fa istanza a codesta On/le Sottocommissione perché si compiaccia fare un'assegnazione di tubi come all'elenco che segue.

Fa presente che fin dal 26 giugno 1943 fu inoltrata l'ordinazione alla Società per l'Industria e l'Elettricità di Genova, e che fin da quell'epoca l'acquedotto non è più completamente efficiente, per cui si prevede che da un momento all'altro questa popolazione resterà priva di acqua o dovrà at-

Declassified E.O. 12356 Section 3.3/NND No. 785019

Il sottoscritto, Sindaco del Comune di Offida,
in considerazione delle pessime condizioni di ma=
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per cui si prevede che da un momento all'altro que=
sta popolazione resterà priva di acqua o dovrà at=
tingere una scarsissima quantità di acqua inquina=
ta.

Sicuro di un benevolo ed urgente accoglimento
della presente, ringrazia con perfetta osservanza.=

IL SINDACO

Offida 7 settembre 1945

2611

Elenco del materiale occorrente:

Tubi ~~di~~ ghisa a calice e orlo da	30 m/m	n.	10
" " " " " " " "	50 "	"	4
" " " " " " " "	60 "	"	6

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tubi di ghisa a calice e orlo da	80 m/m	n.	25
" " " " " " " "	90 "	"	10
" " " " " " " "	100 "	"	10
Manicotti per tubi di ghisa	" 30 "	"	10
" " " " "	" 50 "	"	6
" " " " "	" 60 "	"	6
" " " " "	" 80 "	"	25
" " " " "	" 90 "	"	10
" " " " "	" 100 "	"	10

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

T R A N S L A T I O N MH/vc

Nº 2331

TO : Industry Sub-Commission - Rome

The undersigned Mayor of the Commune of Offida, considering the very bad conditions of the water-pipes, would much appreciate an allotment of pipes as listed below.

Since 26 June 1943 an order was placed to the Società per l'Industria e l'Elettricità di Genova and since aforesaid period the pipes are no more efficient. Therefore it is foreseen that the population at any moment may remain without water or compelled to draw a very scarce quantity of inquinated water.

Trusting in a prompt granting of this application, I remain,

The Mayor
/s/illigible

Offida, 7 September 1945

LIST OF THE MATERIAL NEEDED

Cast iron cupped pipes,				30	m/m	edged Nº	10
"	"	"	"	50	"	" "	4
"	"	"	"	60	"	" "	6
"	"	"	"	80	"	" "	25
"	"	"	"	90	"	" "	10
"	"	"	"	100	"	" "	10
Joints for cast iron pipes				30	"	thickness F	10
"	"	"	"	50	"	" "	5
"	"	"	"	60	"	" "	6
"	"	"	"	80	"	"	25
"	"	"	"	90	"	"	10
"	"	"	"	100	"	"	10

2610

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel 489081.Ext.320

file NWH/rlv

96

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

Ref: 062/PWU

1 September 1945

Subject: Proposed Pipe-Line for additional water supply, Port of Naples.

To : Allied Force Headquarters,
G-4 Section,
(Att: Colonel Danaher).

Reference Transportation Sub-Commission letter 650/35/Tn1, dated 29 August 1945.

1. The subject of supplying additional water for the port of Naples by constructing a new water line from Vesuvius, was discussed with our Engineer in Naples, Mr. H. H.Townsend. He stated that, if the water could not reach the Port quickly, the project would be of no use.

2. It was also learned that the Italian authorities did not have the facilities to do the work in time to be of any value to the Port.

3. Mr.H.H.Townsend contacted the military authorities and discussed the possibility of them constructing the proposed water line. They said it was too late for them to start construction on the water line.

However, they stated that, the water situation was in hand and they were supplying an additional 1,000 tons a day, also that, they have a new well with a capacity of 500 gal. per minute supplying the port.

For the Chief Commissioner:

E.J.RISTEDT 2609
Colonel. C.E.
A/Director.

Copy to: Transportation Sub-Comm.

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

94A

Tel: 220

FU/hl

650/35/TN 1

SUBJECT: Proposed Pipe Line for Additional Water Supply Port of Naples.

29 Aug. 1945

TO : Colonel Risted, Director, Public Works & Utilities Sub-Commission

1. In accordance with agreement reached with you in my telephone call from Naples, Mr. Townsend, Regional Engineer, Public Works & Utilities Sub-Commission, went with me to yesterday's meeting of MEDBO at Caserta.

2. At yesterday's meeting, the Board passed a resolution strongly recommending that AC take immediate action for construction of pipe line to carry water from the Vesuvius spring to the port of Naples. Colonel Danaher, G-4 (Mov & Tn), re-stated that material was available if AC could secure release from the military. He further pointed out that quick action was necessary because some of this material was already beginning to move out as ballast.

3. It would appear that Prisoner-of-War labor reported as available includes qualified mechanics, such as welders. I would suggest that you arrange immediately to have the Economic Section send a signal to AFHQ to hold some of this material pending requisition on the military.

FRANK UPMAN, Jr.
Director.

cc: Economic Section

2608

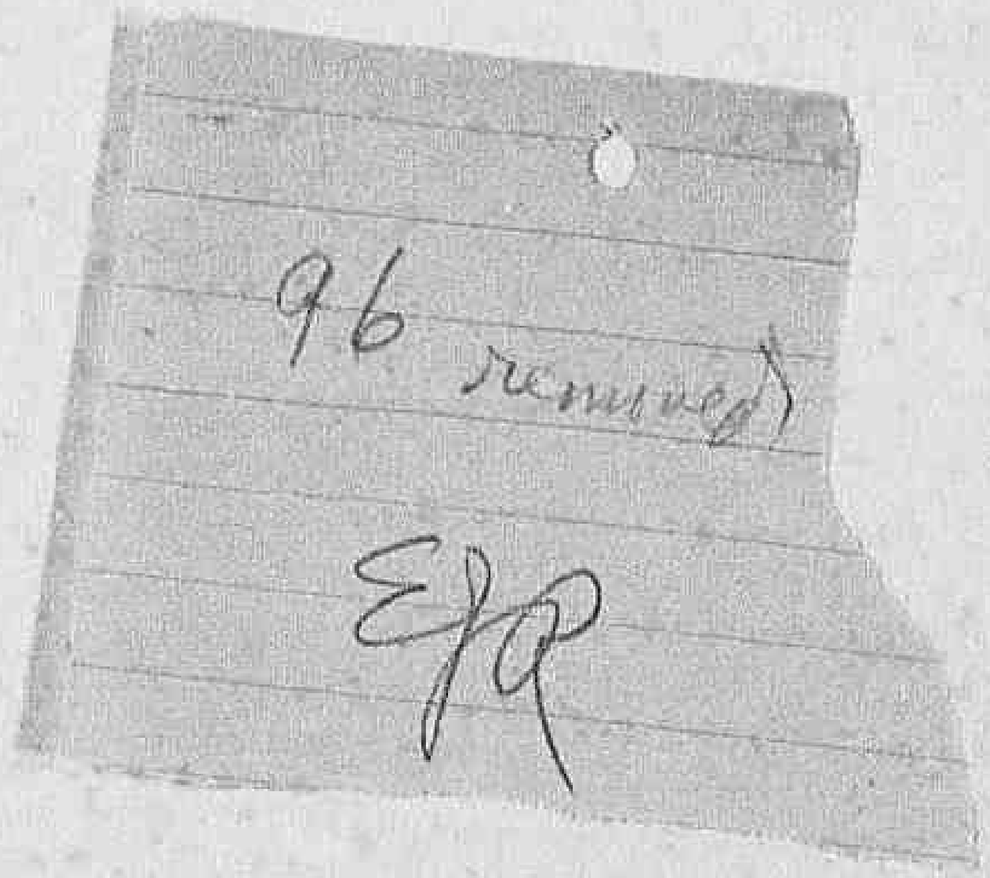
Declassified E.O. 12356 Section 3.3/NND No. 785019

Dr. [illegible] Fl 9-10

Spoke to Col. Rustedt and he is awaiting info by phone from Mr. Townsend before taking action as mentioned in Para (3)

2/8 Called C.R. D.H.

Declassified E.O. 12356 Section 3.3/NND No. 785019



Declassified E.O. 12356 Section 3.3/NND No. 785019

Provveditorato Regionale alle OO. PP.

PER IL LAZIO E UMBRIA

Roma, 28 - 8 - 1945

Prot. N. 2759

Risposta al f° N. p.c. del

Al ALLIED COMMISSION - AC -
SUB - COMMISSION PUBLIC WORKS
AND UTILITIES- = R O M A =
(All'attenzione del Magg. PRICE)

OGGETTO Tubi per acquedotti -

Mr. Jones Ogwen
U.I.R.U. nº 2
c/o R.A.F. Sub. Commission
Albergo Bellavista -
= FROSINONE=

RECEIVED
P.W & U. - A.C.
31 AUG 1945 062

Si prega trattare per ogni lettera un solo argomento e indicare nella risposta il N. di protocollo.

Abbiamo segnalato a Mr. Jones a Frosinone l'ur= gente necessità di tubi di ghisa o di acciaio per gli acquedotti di Itri, Terracina, Cassino e Frosi= none come dall'accluso elenco.

Poichè è urgentissimo costruire detti acquedot= ti per evidenti ragioni igieniche, mi permetto in= teressare cotesto Comando Alleato affinchè voglia appoggiare l'opera di Mr. Jones.

Ringrazio vivamente.

IL PROVVEDITORE
(A. Alicata)

2607.

Mr Jones has notified rebelly that is not available and must be made in Italy pending application

Translation attached

ELENCO DEI TUBI OCCORRENTI PER I SEGUENTI ACQUEDOTTI:

I° ACQUEDOTTO DI ITRI

Tubi di ghisa e di accaiaio, diametro 50 m/m, a cordone e bic= chiere, e a flange, ovvero a vite e manicotto: m. 6.000.

2° ACQUEDOTTO DI TERRACINA

Tubi di ghisa a cordone e bicchiere : diam.250 m/m ;;.... m.25
" " 200 " " ..... " 45
" " I40 " " ....."350
" " I30 " " 60
" " I00 " " ....."I00
" " 80 " " ....."550
" " 60 " " I25
" " 40 " " 200

PEZZI SPECIALI PER DETTI TUBI :Qli. 5 =

3° ACQUEDOTTO DI CASSINO :

Tubi di ghisa a cordone e bicchiere, con relativi pezzi specia= diametro m/m 225 m. 225,70; manicotti n.200; saracinesche n°I40
" " I75 " 556,53 " " 280; " " 50
" " 200 " I70 " " I40; " " 200
" " I00 " 379 " " 40; " " —
" " 90 " 604 " " 380; " " I40

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Tubi di ghisa a cordone e bicchiere : diam.250 m/m ;;.... m.25
" " 200 " " ..... " 45
" " I40 " " ....."350
" " I30 " " 60
" " I00 " " ....."I00
" " 80 " " ....."550
" " 60 " " I25
" " 40 " " 200

PEZZI SPECIALI PER DETTI TUBI :Qli. 5 =

3° ACQUEDOTTO DI CASSINO :

Tubi di ghisa a cordone e bicchiere, con relativi pezzi specia=

diametro m/m 225 m. 225,70; manicotti n.200; saracinesche n°I40
" " I75 " 556,53 " " 280; " " 50
" " 200 " I70 " " I40; " " 200
" " I00 " 379 " " 40; " " —
" " 90 " 604 " " 380; " " I40
" " 80 " I49 = " " 40; " 280
" " 40 " I089 " " 350; " " 80

Rubinetti: da m/m 225 N° I; da m/m N° I0; da m/m 200 N°3; da m/m 90 N°2; da m/m 80 N° I0; da m/m 40 N°3;

Sfiati: da m/m I75 N°2; da m/m 90 N°3; da m/m 80 N°7-

Tubi di ferro zincato da I/2 II M. 200=

4ª Acquedotto di Frosinone-

Tubi di ghisa a cordone e bicchiere:

diam. M/M I75- M. 30- manicotti ---- saracinesche --- Curve----

2606

Declassified E.O. 12356 Section 3.3/NND No. 785019

diam. m/m 70 m. 500 - manicotti - saracinesche - Curve -
" " 60 " 200 - " " 6 " 50
" " 40 " 200 - " " 6 " 20

Ridzißni da 60/70 m/m n° 6 - Sfiatatoi da 70 m/m n° 6 -
Cipolle da 70 - n° 6 -

Tubi di acciaio a flangia (I0 atm)

diam. m/m 80 - m. 300 - manicotti n° 20 curve a I20 n°30
" " 50 " 3000 " " 60 " " " " 60 a 90
n.40

Declassified E.O. 12356 Section 3.3/NND No. 785019

1062

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION By C.Tatti/ct

REGIONAL PUBLIC WORKS PURVEYOR'S OFFICE

28 Aug 1945

Reference : 2759

To : Public Works and Utilities S/C.
(Attn. Major Price)

Subject : Pipes for aqueducts.

We have pointed out to Mr Jones at Frosinone the urgent requirements of cast iron or steel pipes for Itri, Terracina, Cassino and Frosinone as per enclosed list.

As it is most urgent to build said aqueducts, for obvious reasons of public health, will your Command please give assistance to Mr Jones in this subject.

Many thanks,

THE PURVEYOR
/s/ A.Alicata

Copy to : Mr Jones Ogwen,
U.I.R.O. No. 2
c/o AF Sub-Comm.
Bellavista Hotel; FROSINONE

2604

LIST OF TUBES REQUIRED FOR THE FOLLOWING AQUEDUCTS :

1) ITRI AQUEDUCT

Cast iron or steel pipes, 50 mm Ø, bell & spigot, flange or threaded sleeve joints : 6,000 metres.

2) TERRACINA AQUEDUCT

Bell & Spigot joint pipes : Ø 250 mm = 25 metres
" 200 " = 45 "
" 140 " = 350 "
" 130 " = 60 "
" 100 " = 100 "
" 80 " = 550 "
" 60 " = 125 "
" 40 " = 200 "

Special pieces for said pipes = 500 Kgs.

3) CASSINO AQUEDUCT

Bell & Spigot jointed pipes, with special pieces : (cast iron)

Ø 225 mm =	225.70 m.	; Sleeves =	200 ea.	; Sluice valves	140 ea.
" 175 mm =	556.53 "	; " =	280 "	; " "	50 ea.
" 200 mm =	170. "	; " =	140 "	; " "	200 ea.
" 100 mm =	379. "	; " =	40 "	; " "	none
" 90 mm =	604. "	; " =	380 "	; " "	140 ea.
" 80 mm =	149. "	; " =	40 "	; " "	280 ea.
" 40 mm =	1089. "	; " =	350 "	; " "	80 ea.

Cocks : 225 mm Ø = 1 ea. ; (?) mm = 10 ea. ; 200 mm = 3 ea. ;
90 mm = 2 ea. ; 80 mm = 10 ea. ; 40 mm = 3 ea.

Vent plugs : 175 mm = 2 ea. ; 90 mm = 3 ea. ; 80 mm = 7 ea.

Zine-plated iron pipes ½" = 200 m.

4) FROSINONE AQUEDUCT

Cast iron tubes, bell & spiggot joints :

Ø 175 mm =	30 m.	; Sleeves =		; Sluice valves =		; Elbows =
Ø 70 mm =	500 m.	; " =		; " " =		; " =
Ø 60 mm =	200 m.	; " =		; " " =	6	; " =	50
Ø 40 mm =	200 m.	; " =		; " " =	6	; " =	20

Reduction sleeves : 60/70 mm = 6 ea. ; 70 mm Ø vent plugs : 6

2603

Declassified E.O. 12356 Section 3.3/NND No. 785019

" 100 " = 100 "
" 80 " = 550 "
" 60 " = 125 "
" 40 " = 200 "

Special pieces for said pipes = 500 Kgs.

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Bell & Spigot jointed pipes, with special pieces : (cast iron)

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" 100 mm =	379. "	; " =	40 "	; " "	none
" 90 mm =	604. "	; " =	380 "	; " "	140 ea.
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Ø 70 mm =	500 m.	; " =	; " " =	2603 =
Ø 60 mm =	200 m.	; " =	; " " =	6 ; " =	50
Ø 40 mm =	200 m.	; " =	; " " =	6 ; " =	20

Reduction sleeves, 60/70 mm = 6 ea. ; 70 mm Ø vent plugs : 6 ea.

Steel flanged pipes : (10 atm)

80 mm Ø = 300 m. ; Sleeves = 20 ea. ; 120° Elbows = 30 ea?
50 mm Ø =3000 m. ; " = 60 ea ; " " = 60 ÷ 90 ea.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
29 AUG 1945 067

HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

Tel: 220

FU/hl

650/35/TN 1

29 Aug. 1945

94

SUBJECT: Proposed Pipe Line for Additional Water Supply Port of Naples.

TO : Colonel Risted, Director, Public Works & UtilitiesSub-Commission

1. In accordance with agreement reached with you in my telephone call from Naples, Mr. Townsend, Regional Engineer, Public Works & Utilities Sub-Commission, went with me to yesterday's meeting of MEDBO at Caserta.

2. At yesterday's meeting, the Board passed a resolution strongly recommending that AC take immediate action for construction of pipe line to carry water from the Vesuvius spring to the port of Naples. Colonel Danaher, G-4 (Mov & Tn), re-stated that material was available if AC could secure release from the military. He further pointed out that quick action was necessary because some of this material was already beginning to move out as ballast.

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FRANK UPMAN, Jr.
Director.

96 enclosures

2602

Declassified E.O. 12356 Section 3.3/NND No. 785019

RESTRICTED

HEADQUARTERS
MEDITERRANEAN THEATER OF OPERATIONS
UNITED STATES ARMY
APO 512

RAS/cwm 2672 P.W.&U. S/C

In reply refer to AG 671.1/904 ENG-O

25 August 1945

SUBJECT: Maintenance of Water Points, Foggia Area

TO: Chief Commissioner
Allied Commission
APO 394

P.W. & U. 24 AUG 1945 062

1. In view of the rapid rate of redeployment of Air Corps Troops in East Italy it is requested that immediate action be taken to have Italians take over the complete operation of the water systems at Vincenzo and the City of Corignola.

2. It is also requested that the Allied Commission inform AAF/MTO direct when necessary action has been taken.

BY COMMAND OF GENERAL MCNARNEY:

N. A. STUKEY
Captain, AGD
Asst Adjutant General

Copy furnished:
AAF/MTO

2601

RESTRICTED

RECEIVED
P.W. & U. S/C A.C.
24 AUG 1945 062

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
NAPLES COMMUNE
APO 394
PUBLIC WORKS AND UTILITIES DIVISION

qv

21 August, 1945

PWU. 580/45

SUBJECT : Taking over Naples Aqueduct.

TO : Col. J.A.C. Pennycuick - Commissioner.

1. Drastic measures should now be taken to avoid a complete break down in our troop movement, shipping, and military installations due to extreme shortage of water.

2. I have continuous complaints from every area and conditions are reacking a point where military interests must be relieved.

3. A meeting of Port Officers with Col. Pete show ship movement with troop are delayed and inconvenienced though all ships run their distillery units to capacity. Tankers are suggested to bring water from Salerno or pipe lines to a new supply.

4. Intensive, uncontrolled irrigation and a low priority of military consumers is doubtless partially responsible for this shortage.

5. September will find us in a very critical condition and no relief in sight to care for any further emergency.

6. I recommend that the Military Authorities take over the Aqueduct in detail and operate under some military engineering unit, every department, until this emergency passes.

2000

HHT/mdp.

H. H. Townsend
H.H. Townsend
Chief Division

Declassified E.O. 12356 Section 3.3/NND No. 785019

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4. Intensive, uncontrolled irrigation and a low priority of military consumers is doubtless partially responsible for this shortage.

5. September will find us in a very critical condition and no relief in sight to care for any further emergency.

6. I recommend that the Military Authorities take over the Aqueduct in detail and operate under some military engineering unit, every department, uhtil this emergency passes.

2600

H. H. Townsend

H.H. Townsend
Chief Division
P.W.&.U. - A.M.G.
Naples Commune

HHT/mdp.

Distribution:

P.W.&.U.- Sub Commission - Rome ✓
Col. Pets - 8th Port Engineer Department
Col. Street - P.B.S. Engineer Department.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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HEADQUARTERS ALLIED COMMISSION
APO 394
TRANSPORTATION SUB-COMMISSION

RECEIVED
P.W. & U. S/C A.C.
25 AUG 1945 062

Tel: 220

FU/hl
650/31/TN 1

91

SUBJECT: Proposed Pipe Line for Additional Water Supply Port of Naples.

22 Aug. 1945

TO : Director,
Public Works & Utilities Sub-Commission

1. Confirming our telephone conversation of this morning; at the MEDBO meeting, 21 August, Colonel J.T. Danaher, G-4, (Mov & Tn), AFHQ, stated that the water supply in Naples generally and for ships' supply has become definitely acute.

2. He referred the matter to Allied Commission and suggested that a pipe line could be run from a spring source on the Vesuvius down to the port of Naples, a run of about 26 miles. He also suggested as an alternative, a shorter run, carrying water from the same source down to Torre as a pick-up point.

3. According to the Colonel, the military have the material on hand, both pipe and booster pump equipment that might be necessary. It was suggested this could be acquired on requisition to the military. It was also suggested that a surplus of labor existing or prisoners of war could be used.

4. I agreed to submit the matter immediately upon my return to Rome to your attention. Would you be kind enough to let Colonel Danaher hear from you re this or other arrangements you may have under consideration?

FRANK ULLAN, Jr.
Director.

cc: Col. J.T. Danaher, G-4 (Mov & Tn), AFHQ
Mr. Gibson-Graham, Chairman, MEDBO

2599

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P.W. & U. S/C A.C
16 AUG 1945 062

AC/Hq.
P.W. & U. Subc.
90

HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
PUBLIC WORKS AND UTILITIES DIVISION
APO 394

REF. : [illegible]/P/U

SUBJECT : Army Equipment on Water Supply System.

TO : Regional Commissioner,
Headquarters Emilia Region A.M.G.

[illegible]/Cp
9 August 1945

1. Reference your letter 2 August '45, file No [illegible]/P/SM/916, above subject matter, requested information is submitted re status of army equipment on the water supply system for the following cities:

a. Imola:

(1) General: Water supply for city population derived now from a well operated by city owned electric pumping set; output is 25 l/sec or 2100 cbm/day. Electric power line to Imola completed. Pump is operated 15 hours/day only, which however furnishes an adequate water supply. Plans for reconstruction of reservoir, which has been destroyed by war action, are underway. No troops are stationed in town, except for the 95 (Br.) Gen. hospital at Montecatone (5 Km W. of Imola) which has its on water supply. A city owned chlorinator is at present not in operation due to lack of chlorine.

One other well, output 600 cbm/day, is operated, when necessary, with a Br. Army owned pumping set class "A", "Austin-Chrysler" (C42/A/2618 and C39/A/2361). This plant is used only as a standby, in case of failure of electric power. City has ordered pumping set for this well from a Milan firm with delivery promised in 3 months.

Another small well, output 10 l/sec (860 cbm/day), is being fitted with 2 small city owned electric motor pumps. Repairs expected to be completed within three weeks.

(2) Recommendation: (a) Army pumping unit to remain at Imola till motor replacement has been received; (b) sufficient chlorine to be provided for proper chlorination of city water supply.

b. Florence:

(1) General: Source of water supply is from mountains pumps at Crespino (MR: P 0497); water flows from there by gravity to a reservoir at Pereolino (3 Km South West of Pontassa) and then to city distribution system. The supply is augmented with water from the upper reaches of the river Arno, which is lead into the main aqueduct near Crespino.

The aqueduct system for Florence is owned and operated by the Florence M/Wy, with 3 other communes drawing water from the same source (Rufiglielle, Marradi and Pogginno). Repair to aqueduct has been completed and over all water supply is back to [illegible]

Declassified E.O. 12356 Section 3.3/NND No. 785019

1. Reference your letter 2 August '45, file No NRX/Th/35/916, above subject matter, requested information in submitted re status of army equipment on the water supply system for the following cities:

a. ROMA:

(1) General: Water supply for city population derived now from a well operated by city owned electric pumping set; output is 25 l/sec or 2100 cbm/day. Electric power line to Isola completed. Pump is operated 15 hours/day only, which however furnishes an adequate water supply. Plans for reconstruction of reservoir, which has been destroyed by war action, are underway. No troops are stationed in town, except for the 95 (Br.) Gen. hospital at Monterotondo (6 km N. of Imola) which has its own water supply. A city owned chlorinator is at present not in operation due to lack of chlorine.

One other well, output 600 cbm/day, is operated, when necessary, with a Br. Army owned Pumping set class "A", "Marsh-Chrysler" (CSP/P/3618 and CSP/P/3861). This plant is used only as a standby, in case of failure of electric power. City has ordered pumping set for this well from a Milan firm with delivery promised in 3 months.

Another small well, output 10 l/sec (864 cbm/day), is being fitted with 2 small city owned electric motor pumps. Repairs expected to be completed within three weeks.

(2) Recommendation: (a) Army pumping unit to remain at Isola till motor replacement has been received; (b) sufficient chlorine to be provided for proper chlorination of city water supply.

b. FAENZA:

(1) General: Source of water supply is from mountain pumps at Crespino (Mt. R 0497); water flows from there by gravity to a reservoir at Persolino (5 km South East of Faenza) and then to city distribution system. The supply is augmented with water from the upper reaches of the river Lamone, which is led into the main aqueduct near Crespino.

The aqueduct system for Faenza is owned and operated by the Florence R/Wy, with 3 other communes drawing water from the same source (Brisighella, Marradi and Fognano). Repair to aqueduct has been completed and overall water supply is back to prewar normal, however due to unequal water distribution within the four communes the reservoir for the city of Faenza at Persolino is at times not filled up sufficiently to give adequate pressure for the city distribution system.

A Br. Army owned, but civilian operated, chlorinator is installed at Purino (Mt. 10005), 3 km NW. of Crespino. (Chlorinator "Wallace and Tiernan", 10/30,000 GPH. WVAP/L/3995 available, chlorine supply apparently low.

Due to the low pressure in the Faenza system, Army had installed at the Civil Maternity Hospital at Faenza a pumping set "Mather and Platt-Morris", 467 GPM, SMP/P/4325 and CSP/P/6363. Hospital is now civilian operated. No troops remain at Faenza.

(2) Recommendation: (a) Army pump to remain at hospital till other pump has been delivered (city ordered pump from a Milan Co.). (b) Army chlorinator to remain at Persolino; if necessary restitution to be made to Br. Army by some other means. (c) Adequate supply of Chlorine for efficient operation of chlorinator to be made available. (d) Better supervision and regulation of water-supply distribution among the 4 communes using the R/Wy aqueduct

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Declassified E.O. 12356 Section 3.3/NND No. 785019

systems, in order to assure an adequate supply for Parma.

c. [illegible]:

(1) General: One group of nine wells supplies water to a 250 mm. pipe through a 160 cbm/hr electrically driven pump. Two separate wells, each powered by a 30 cbm/hr electrically driven pump feed into a 150 mm. pipe line. These pipe lines are interconnected and supply the Forli area containing a civilian population of approximately 35,000 persons. Water is chlorinated at each pump. Electric current from main power line for these city owned and operated pumps and chlorinators is now available. Water supply averages 4500 cbm/day and is back to normal. To augment this supply two new artesian wells are being drilled; also repair work for damaged water tower has been initiated.

Two Br. Army owned pumping sets are used as stand-by plants only: (Pumping set N. 1: "Gather and Platt-Ford", 167 GPM, CMF/S/2653, CMF/S/1726 set N. 2: "Marlund-Easton", 167 GPM, BMAP/S/3296, CMF/S/1725).

Use of water by military personnel has greatly diminished due to withdrawal of troops.

(2) Recommendations: The two army pumping units to be removed, if necessary, by end of August; (City has ordered from a Milan Co. a new pumping set to be used as stand-by plant in the event of failure of the electric power supply).

d. [illegible]:

(1) General: The watersupply is from 11 artesian wells which furnish now 3600 cbm/day or about 60% of the normal demand. Supply for civilian needs is inadequate, since only about 1000 cbm/day are alloted for the 30,000 civilian population and the other 2000 cbm go for Army use, German hospital and Chetnik camp. Electric power from main power line is now available for the city owned and operated pumps. The city has contracted for the purchase of 2 electric pumping units from Milan to restore other destroyed pump and to bring its water-supply back to normal. Before the war no chlorinators were used or needed since the water tests were up to Italia health standards. The selection of the Chetnik camp location at water intake site necessitated the installation of 2 chlorinators by Army and 2 pumping sets for a stand-by plants in the event of electric pump failure. It is understood that the Chetnik camp will be removed in September.

(2) Recommendations: (a) The 2 Br. Army owned chlorinators and the 2 pumping sets to remain at present location until the removal of the Chetnik camp. (b) Army to furnish city with adequate amount of chlorine for proper chlorination.

e. [illegible]:

(1) General: The city water supply is obtained from 8 artesian wells near Viserba, ½ km. North of Rimini. Out put is 8500 cbm/day, which is adequate for present city needs. The normal supply was from 12 artesian wells with a daily supply of 11,000 cbm; repair work on the 4 damaged wells is in progress and will take about 2 months. Chlorinator and electrical pumping units in use are city owned and operated. An adequate supply of chlorine is available, as well as suffi-

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are being drilled; also repair work for damaged water tower has been initiated.

Two Br. Army owned pumping sets are used as stand-by plants only; (pumping set N. 1: "Gather and Platt-Ford", 167 GPM, CMP/B/2524, CMP/B/1726 set N. 2: "Burland-Burton", 167 GPM, BMAP/B/3296, CMP/B/1725).

Use of water by military personnel has greatly diminished due to withdrawal of troops.

(2) Recommendations: The two army pumping units to be removed, if necessary, by end of August; (City has ordered from a Milan Co. a new pumping set to be used as stand-by plant in the event of failure of the electric power supply).

d. CHETNIK:

(1) General: The Watersupply is from 11 artesian wells which furnish now 3000 cbm/day or about 60% of the normal demand. Supply for civilian needs is inadequate, since only about 1000 cbm/day are alloted for the 30,000 civilian population and the other 2000 cbm go for Army use, German hospital and Chetnik camp. Electric power from main power line is now available for the city owned and operated pumps. The city has contracted for the purchase of 2 electric pumping units from Milan to restore other destroyed pump and to bring its water-supply back to normal. Before the war no chlorinators were used or needed since the water tests were up to Italia health standards. The selection of the Chetnik camp location at water intake site necessitated the installation of 2 chlorinators by Army and 2 pumping sets for a stand-by plants in the event of electric pump failure. It is understood that the Chetnik camp will be removed in September.

(2) Recommendations: (a) The 2 Br. Army owned chlorinators and the 2 pumping sets to remain at present location until the removal of the Chetnik camp. (b) Army to furnish city with adequate amount of chlorine for proper chlorination.

e. RIMINI:

(1) General: The city water supply is obtained from 8 artesian wells near Viserba, 4 Km. North of Rimini. Out put is 6500 cbm/day, which is adequate for present city needs. The normal supply was from 12 artesian wells with a daily supply of 14,000 cbm; repair work on the 4 damaged wells is in progress and will take about 2 months. Chlorinator and electrical pumping units in use are city owned and operated. An adequate supply of chlorine is available, as well as sufficient electric power for the present pumping needs.

One Br. Army owned pumping set (Class "A", "Aurora-Chrysler", CMP/B/6223, CMP/B/6664) is being used as stand by unit.

(2) Recommendations: Army pumping unit can be removed if necessary and if needed elsewhere, otherwise desirable to remain as stand-by unit in case of power failure.

f. RAVENNA:

(1) General: Water supply is taken from 9 artesian wells at Torre Pedrera, (8 Km. North of Rimini) and conducted to Ravenna by a 20" pipeline. Electrical pumping equipment at Pedrera was completely destroyed, also considerably damage had been done to the pipeline. Pipe line repairs have been completed and Army installed 6 pumping sets and 2 chlorinators at intake plant. Output at Torre Pedrera is between 4-5000 cbm/day, however at present on the average only 1500 cbm/day reach the reservoir at Ravenna, the remainder is used

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by the U. of W. camp near Caserta(co.

The present water-supply for the civilian population at Ravenna is inadequate; the promised allotment of 720,000 gals/day (2700 cbm/day) to Ravenna has a yet not materialised.

4 City water dept. employees, in conjunction with P.O.W., operate the installation at the intake site, also city employees operate pump at Ravenna reservoir; maintenance of piping system by city from Ravenna to P.O.W. enclosure has been initiated.

City has contracted with a Milan Co. for the required pumping equipment at Torre Pedrera, however delivery cannot be expected till November.

(2) Recommendations: (a) Army pumps and chlorinators to remain at intake site until proper replacement of equipment can be accomplished by city; (b) water supply for Ravenna City to be augmented to the promised 720,000 gal/day, as per letter CS. No. District, dated 4 July '45, file No. CS. 3930; (c) City employees to remain at Torre Pedrera for operations of pumps etc., in conjunction with P. of W. (d) 1 chlorinator to be installed at Ravenna, (an adequate supply of chlorine is available there).

b. CERVIA, CASTIGLIA:

These communes have their own watersupply system and are independent from the Ravenna plant. No pumping equipment has been furnished by Army to these two communes.

b. FAENZA:

(1) General: Main supply is from a series of wells sunk on the South bank of the river Po at Portalagosero. There were originally 21 wells in operation, however 9 wells have been completely damaged by war action; 4 new wells have been sunk. Output at present is 8000 cbm/day as against a prewar normal supply of 11,000 cbm/day.

An additional increase of 2000 cbm/day will be forthcoming shortly after completing the nearly finished repair work for utilising water directly from the river Po. This scheme required the repair of certain pumps and pipeline, motors and maintenance of filtration beds and treatment plant. The watersupply is adequate for the present needs of the city; the distribution system has been fully repaired.

No army equipment is used at the Faenza water supply installations; the chlorinators in use are city owned.

(2) Recommendations: Furnish adequate supply of chlorine to city to assure proper chlorination.

2. A list of Army equipment at the various communes is attached. Further information on this equipment can be obtained from the E. and M. officer of 67 SUB (Capt. W.A. Newsome) at Bologna, Phone: Vladejaro 403.

W. F. [illegible]
Major C.E.
Regional Engineer

1 Enclosure - List of equipment.

Declassified E.O. 12356 Section 3.3/NND No. 785019

supply for Ravenna City to be augmented to the promised 720,000 gal/day, as per letter dated GE. No. District, dated 4 July 45, File No. GE. 3990; (c) City employees to remain at Torrecolvera for operations of pumps etc., in conjunction with P. of W. (d) 1 chlorinator to be installed at Ravenna, (an adequate supply of chlorine is available there).

2. CERVIA, CERVIATICO:

These communes have their own watersupply system and are independent from the Ravenna plant. No pumping equipment has been furnished by Army to these two communes.

3. FERRARA:

(1) General: Main supply is from a series of wells sunk on the South bank of the river Po at Pontelagoscuro. There were originally 21 wells in operation, however 9 wells have been completely damaged by war action; 4 new wells have been sunk. Output at present is 6000 cbm/day as against a prewar normal supply of 11,000 cbm/day.

An additional increase of 2000 cbm/day will be forthcoming shortly after completing the nearly finished repair work for utilising water directly from the river Po. This scheme required the repair of certain pumps and pipeline, motors and maintenance of filtration beds and treatment plant. The watersupply is adequate for the present needs of the city; the distribution system has been 30% repaired.

No army equipment is used at the Ferrara water supply installations; the chlorinators in use are city owned.

(2) Recommendations: Furnish adequate supply of chlorine to city to assure proper chlorination.

2. A list of Army equipment at the various communes is attached. Further information on this equipment can be obtained from the E. and M. officer of 67 GRU (Capt. W.A. Newsome) at Bologna, Phone: Vicksburg 4/53.

H.T. MEADE
Major C.E.
Regional Engineer

1 Enclosure - List of equipment.

Copy to: Reg'l. Sanitary Officer
AC/Hq, P.W. & U. Sub

Declassified E.O. 12356 Section 3.3/NND No. 785019

SCHEDULE OF WATER AND MACHINERY OPERATING IN CIVILIAN INSTALLATION

MINDIK,
Main Pump House

Pumping Set Class "A"
"Aurora-Chrysler" CMP/P/6223
CMP/P/5604

OKINAWA,
Main Pump House

Chlorinator, 10/30,000 GPH
"Wallace and Tiernan" MMAP/L/3979

Pumping Set 167 GPM
"Gather and Platt-Ford" CMP/P/2658
CMP/P/1728

Chlorinator, 10/30,000 GPH
"Wallace and Tiernan" MMAP/L/1957

Pumping Set 167 GPM
"Worthington-Gaston" MMAP/P/2452
CMP/P/10008

FUKUI,
Main Pump House.

Pumping Set 167 GPM
"Gather and Platt-Ford"
CMP/P/2654
CMP/P/1726

Pumping Set 167 GPM
"Worthington-Gaston" MMAP/P/2296
CMP/P/1725

NAHA,
On the AVCENT Pipe Line,

Civil Maternity Hospital,

Chlorinator 10/30,000 GPH
"Wallace and Tiernan"
MMAP/L/0956

Pumping Set, 167 GPM
"Gather and Platt-Harris"
MMAP/P/4325
CMP/P/6383

NAHA,
FORCE WING No 1 Hull.

Pumping Set Class "A"
"Aurora-Chrysler" CMP/P/8618
CMP/P/8661

NAHA,
FORCE WING Pump House

Chlorinator, 10/30,000 GPH
Wallace and Tiernan" CMP/L/6206

Chlorinator, 10/30,000 GPH
"Wallace and Tiernan" CMP/L/6205

Pumping Set Class "A"
"Aurora-Chrysler" MMAP/P/2292
CMP/P/7670

Pumping Set Class "A"

Declassified E.O. 12356 Section 3.3/NND No. 785019

Chlorinator, 10/30,000 GPH
"Wallace and Tiernan" CWP/1/3937

Pumping Set 167 GPM
"Barland-Easton" BWAP/2/3452
CWP/2/10018

FORLI'S,
Main Pump House,

Pumping Set 167 GPM
"Barber and Platt-Ford"
CWP/2/3634
CWP/2/1726

Pumping Set 167 GPM
"Barland-Easton"
BWAP/2/3206
CWP/2/1725

RAVENNA,
On the ALDOINI Pipe Line,

Civil Maternity Hospital,

Chlorinator 10/30,000 GPH
"Wallace and Tiernan"
BWAP/1/3956

Pumping Set, 167 GPM
"Barber and Platt-Harris"
BWAP/2/3385
CWP/2/6368

ZERLA,
WATER GAINS No 1 Well,

Pumping Set Class "A"
"Aurora-Dayton" CWP/2/6618
CWP/2/3861

~~RAVENNA~~,
TOWN PUMPING Pump House

Chlorinator, 10/30,000 GPH
Wallace and Tiernan" CWP/1/6206

Chlorinator, 10/30,000 GPH
"Wallace and Tiernan" CWP/1/6205

Pumping Set Class "A"
"Aurora-Chrysler" CWP/2/6624
CWP/2/6662

Pumping Set Class "A"
"Aurora-Chrysler" CWP/2/6333
CWP/2/6623

Pumping Set Class "A"
"Marcy-Calzecchi" BWAP/2/2892
CWP/2/6579

Pumping Set Class "A"
"Aurora-Calzecchi" BWAP/2/2899
CWP/2/6578

Pumping Set 167 GPM
"Cayuga-Perkins" BWAP/2/3347
CWP/2/6369

Pumping Set 167 GPM
"Cayuga-Perkins" BWAP/2/2964
CWP/2/3757

these set operate continuously and are the only source of supply.

RAVENNA Town Pump House,

Pumping Set Class "A"
"Caterpillar-Deutz" CWP/2/7665
CWP/1/6708

This set is used in the event of failures of the electric pumps.

2597

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Declassified E.O. 12356 Section 3.3/NND No. 785019

Lil. 062

89

SITUATION OF WATER SUPPLY AT FLORENCE

July 31st 1945

Production at Anconella	m^3	43,000	per day
Production at Mantignano	"	21,000	" "
T o t a l	m^3	64,000	per day

City requirement is m^3 80,000 per day.

Progress in construction of the wells at the Cascine Garden:

One well will supply water at the end of August.

All three wells will be in service within September.

Edmund J. Barry
Major C.E.
Officer in charge

Maj. Barry

F. R. T. A. is independent of city water.

24 th. Gen. Hosp. is still on city water

Production at Anconella	m^3	43,000	per day
Production at Mantignano	"	21,000	" "
T o t a l	m^3	64,000	per day

City requirement is m^3 80,000 per day.

Progress in construction of the wells at the Cascine Garden:

One well will supply water at the end of August.

All three wells will be in service within September.

Edmund J. Barry
Major C.E.
Officer in charge

Maj. Barry

F. R. T. A. is independent of city water sys.

24 th. Gen. Hosp. is still on city water

University training center 1500 students.
is on city system. (old aeronautical school)
500 added students, billeted around town.

2596

1 Wk Sum

2/3/45

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/

062/PWU 2 August 1945

Subject : Water Hauling Truck - Ancona Prison

To. : MINISTRY OF PUBLIC WORKS
(Att. Prof.Eng. Asta)

1. Attached letter requesting permission to purchase the truck now being used for hauling water to the prison is herewith transmitted with the recommendation that it be sent to the appropriate department for necessary action.

2. The prison authorities should either be permitted to purchase the tank-truck or furnished with a suitable truck from E.N.A.C.

W.M. LAPPER
Lieut-Colonel,
Chief, Elec. Div.

1 enclosure

See folio 87

2595

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

87

MINISTERO DI GRAZIA GIUSTIZIA

Direzione Generale per gli Istituti di Prevenzione e di Pena

Roma, lì 31 Luglio 1945

Prot. No. 19595.1/1.1.3

Alla COMMISSIONE ALLEATA
e per conoscenza alla
SOTTOCOMMISSIONE DI P.S.

R O M A

Oggetto : Rifornimento idrico al Carcere di Ancona

La Direzione del Carcere Giudiziario di Ancona, il cui fabbisogno di acqua è attualmente assicurato, sia pure in modesta misura, a mezzo di un'autobotte, di pertinenza di quel locale Commando Alleato, ha rappresentato a questo Ministero la grave situazione igienica e disciplinare che verrebbe a crearsi nell'istituto, qualora in dipendenza della restituzione di quella Provincia al Governo Italiano, dovesse venire sospeso il precisato rifornimento idrico.

Allo scopo, quindi, di prevenire l'accennata gravissima situazione, si prega vivamente codesta Commissione, affinchè voglia considerare l'opportunità di disporre la cessione a pagamento della autobotte, o quanto meno concederne ancora per qualche tempo, l'uso, fin quando non sarà ripristinato il funzionamento dell'acquedotto di Ancona che attualmente è inefficiente per mancanza di elettricità.

Si voglia fornire un cortese urgente riscontro in proposito.

PEL MINISTRO

2594

Declassified E.O. 12356 Section 3.3/NND No. 785019

86

IWL/ab

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

Reference : 062/PWU 17 July 1945

Subject : Water supply shortage Florence Area

To : ADVANCED SECTION ELECTRICAL DIVISION
Public Works and Utilities Sub-Commission, AC
(Att. Maj. E.J. Barry) - Florence

84

Reference your letter 12 July 1945 - file AED/ab.

1. Thank you for the report on the above subject.

2. We have replied to G-5 as per copy of letter attached.

3. Please continue to follow this matter and render all possible assistence through the Genio Civile and the civil authorities.

E.J. RISTEDT
Colonel, C.E.
Director P.W. & U. S/C

Enclosure
ltr 16/7/45 - 062/PWU to G-5 AFHQ

2593

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ac

Reference : 062/PWU

16 July 1945

Subject : Water supply shortage Florence Area

To : G-5 A.F.G.O. - Economics & Supply Div. - APO 512

1. Reference letter 30 June 1945 - W/4. There are attached hereto detailed reports on the above subject.

2. Para 1- c(1) - An investigation has been made by officers of this Sub-Commission in conjunction with officers of the FAAC and FRTC. The work now in hand and scheduled for completion in the next two weeks will meet the water requirements of the military within the FRTA. Hotels and billets located, on high ground, within the city and which take their supply from the city mains will in all probability experience water shortages. It may be necessary in some of these cases to haul water and use lift pumps for the time being.

3. Para 1 - c(2) - Steps have been taken to impose water conservation, through regulations, press notices, bulletins and through the civil government.

4. Para 1 - c(3) - The three wells under construction are scheduled for completion by 31 August 1945, however, every effort will be made to complete the first two wells and have them in production by 15 August 1945.

5. Para 1 -c(4) - The Florence area is now receiving 50 cycles energy, over recently rehabilitated transmission lines, from North Italy and all pumps are now receiving this frequency which corrects the difficulties experienced from that source in the past.

6. Electrical Officers of this Sub-Commission, stationed in Florence will keep in toch with the situation and render all possible assistance.

For the Chief Commissioner,

E.J. RISTEDT
Colonel, C.E.
Director P.W.U. S/C

2592

cc : Major E.J. Barry C.E.

Enclosures : ltr 12/7/45 AEB/ab -
with attachment

Declassified E.O. 12356 Section 3.3/NND No. 785019

ADVANCED SECTION
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB-COMMISSION
ALLIED COMMISSION

84

6 Via Cerretani, Florence
Telephone No. 1153
July 12th 1945

AED/ab

Ref.: 062/PWU

SUBJECT: Water Supply Shortage Florence Area.

TO : Chief Electrical Division
P.W. & U. Sub-Commission (81)

REC'D
P W & U
14 JUL 1945 062

1. In reply to letter of July 3rd 1945 enclosing letter G-5, AFHQ W/4 - 30/6/54, investigation has been initiated and information requested is enclosed herewith.

2. This matter has been discussed with Major Walker, Liason Officer serving FAAC and FRTA, Major W.G.Bryan Exec.O. FAAC, and Lt.Col. J.R.Parker, Eng.O. FRTA.

3. Major Walker and Major Bryan have taken steps to initiate and enforce through FAAC, in so far as is possible, a program of water conservation by the civilian population.

4. Col.Parker advises that FRTA upon completion of present program of work within the next two weeks, will be prepared to meet all military requirements within the training area, independently of the city water system. At present there are an estimated 8,000 troops in his area, which is designed to accommodate 25,000.

5. Comune di Firenze is drilling three new wells in FRTA which are scheduled for completion by the end of August. Military assistance has been requested through Lt.Col.Parker to aid in bringing these wells into production at the earliest possible date. Pumps are available in the present system, and production is expected to be at least 4,000 cubic meters per day. An additional pump is being sought for installation at Anconella plant which might be expected to augment production at this point by 2,000 m^3 per day and further to insure maintenance of steady production in case of continued drought.

6. Electric transmission lines from the North have been brought into service as follows:

June 10 - Valdarno 60 KV, Ligonchio - Gallicano
June 24 - Valdarno 60 KV, Corfino - Gallicano

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July 1 - Edison 60 KV, Ligonchio Gallicano
July 9 - Edison 120 KV Ligonchio Gallicano

Each of these lines has resulted in gradual improvement of service to the water system, and with entry into service of the last mentioned line, all of the Florence area is now serviced at 50 cycles with full and steadier voltage. In as mush as all of this energy comes over the same route - namely Serchio Valley - and due to long distance of transmission, the system will still be subject to occasional interruptions. To offset this factor work is continuing to rehabilitate lines feeding over different routes.

7. Pending receipt of further instructions and assignement of an Officer for Engineering Services to FAAC, this Office will continue to coordinate and expedite the work now in progress and proposed, to maintain the present production and to meet the anticipated demands on the water system.

ADVANCED SECTION
SUB-COMM
OFFICER
ELECTRICAL DIVISION

E.J. BARRY
Major C.E.
Officer in charge

Copy to: Lt.Col.Parker
Major Walker
Major Bryan
File

Declassified E.O. 12356 Section 3.3/NND No. 785019

Adv.Sect. Electrical Division
P.W. & U. Sub-Comm. A.C.
July 12th 1945

INFORMATION ON FLORENCE WATER SYSTEM

General description of system.

Supply. The main source of supply to the system is from wells located on the south side of the Arno. The most important sources are: (1) Anconella, at present producing on the average about 41,000 cubic meters per day; (2) Mantignano, producing an average of about 21,000 cubic meters per day; (3) Several smaller sources supplying sufficient to bring the daily average to about 65,000 cubic meters.

Distribution. The distribution system consists mainly of a large closed loop around the main part of the city supplying feeders. The pumping stations supply water directly into this system, only the excess of production over consumption reaching the reservoirs connected to the same distribution system.

Reservoirs. The total capacity of the (4) reservoirs is reported to be 35,000 cubic meters, the (2) main ones being Carraia on the south side of the river, and Pellegrino on the north side. At each of these points there are booster pumps to higher reservoirs supplying residential districts in the hills. When consumption reaches a point where reservoirs are emptied, the system pressure drops due to lack of this head, resulting in failure of service to the higher points including third and higher floors of many buildings and houses in the city.

Present condition of the system.

All parts of the system are reported to be in good condition comparable to that before the emergency. Only two reserve pumps at San Nicolò pumping station are not yet ready for service but at least one of these is expected to be repaired by 31 July 1945.

Consumption in previous years compared to the present.

July '42	52,000 m^3/day	July '43	57,000 m^3/day
Aug. '42	57,000 " "	Aug. '43	58,000 " "
Sept '42	52,000 " "	Sept '43	51,000 " "
Oct. '42	48,000 " "	Oct. '43	44,000 " "

July '44	56,000 m^3/day	(water service discontinued 28th July '44)
Aug. '44	-------	
Sept '44	16,000 " "	first months of occupation.
Oct. '44	27,500 " "	

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Average production, matched by consumption for ten days 26 June '45 to 5 July '45, was 64,000 cubic meters per day.

It is noted that there was an average drop in consumption during September and October over July and August of 5,000 m^3/day in 1942 and 10,000 m^3/day in 1943. In 1944 it is understood that the military supplied all water directly from the Arno using military equipment during the first days of occupation.

Population.

Population figures for previous years not available for comparison.

Present population estimated at 360,000 on basis of ration cards issued, plus another probable 20,000 civilians and 3,000 military. Total 383,000.

Military requirements.

FRTA, as previously reported, is at present independent of the city supply. Serving approximately 8,000 troops now, on completion of present program of work FRTA will be able to serve their entire maximum anticipated requirement of 25,000.

In addition, P.B.S. through a small detachment of 1513 Engineers (W.S.) is operating a water point serving about thirty military units, American, British and Italian, in the Florence area which haul by truck, the advantage being that the water is chlorinated to meet military standards. This supply from a dug well, also independent of the city system, to date has furnished without difficulty as much as 153,000 gallons (650 m^3) per day of 12 hours operation.

Beyond these separate sources of supply, certain hôtels, billets and other installations draw water from the city system and any appreciable return of troops to the Florence area, installed in this type of billets, will of course entail an increase in the consumption of city water. The characteristics of the city system make difficult any scheme to ration water or to divert any disproportionate amount to military use.

Steps proposed to meet present and anticipated demand.

1. Program of conservation.

Florence Command, through press notice and bulletins, have for the past month made a popular appeal for water conservation, and imposed regulations prohibiting the use of water for

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irrigation and street flushing. This program will be continued and augmented by FAAC working through Major Walker, Liason Officer with the civil government.

2. New wells.

Comune di Firenze is drilling three new wells in the Cascine Park area, which are scheduled for completion by 31 August. Work is in progress, pumps and other equipment are available and an estimated production of at least 4,000 cubic meters per day is expected.

Steps to expedite this program have been taken and every effort will be made to bring the first two of these wells into production on or before 15th August with an anticipated output of 3,000 cubic meters per day.

3.New pump at Anconella plant.

Anconella production is derived from 16 wells feeding about 33,000 meters per day into the system through San Nicolò pumping station, plus 8,000 meters per day from the filter plant. Water from the Arno is processed in a prefilter, a part of which goes to the final filter and the remainder into a series of trenches which feed the wells.

The maximum amount of water that may be handled by the prefilter is reported at 35,000 meters per day, while the present supply from a dam and conduit is said to be 32,000 meters per day.

A study is being made of the practicability of installing a pump to make up the difference and to cover a possible drop in supply due to continued drought. Major Walker in the meantime has taken specifications of the pump required and is investigating the possibility of obtaining same frcm stocks on hand in Fifth Army.

The study of this problem continues.

E.J. BARRY
Major C.E.
Officer in charge

ADVANCED SECTION
5668 - COMM
OFFICIAL
ELECTRICAL DIVISION

Copy to: Lt.Col.Parker
Major Walker
Major Bryan
File

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RECEIVED
P.W. & U. S/C A.C.
8 JUL 1945 062

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

PWU Sec

Originator's Reference: 475

Date/Time of Origin: JUL 071515B

Message Centre No: F/8704

Date Time Rec'd: JUL 081045B

Precedence: PRIORITY

FROM: AIG LIGURIA REGION FROM CARR

TO : IV CORPS FOR G5 RPTD INFO AND 5 ARMY RPTD HQ ALCOM

83

RESTRICTED.

Although I have received no official information on the matter. Understand that proposal is to establish 5 ARMY rest centre in GENOA CITY for considerable number of troops. A serious water shortage GENOA CITY has developed and severe restrictions in next few days are inevitable. Regional engineer and public health officer consider establishment rest centre most inadvisable. Under such circumstances request that urgent reconsideration be given this matte r and if necessary despatch of 5 ARMY engineer representative to consult with regional engineer civil aspect water supply. End signed CARR.

Excl. Affairs

Meeting held at Genova on 23/7/45 in Excl. Hes office. 5th Army recommended that the idea of a rest camp at Genova be dropped.

Lieutenant 27/7/45

DIST

INFO-ACTION: PW & U S/C
INFO: Chief Commissioner
Ex Commissioner
Econ Sec
CA Sec
P.Health
File

INFO - ACT 2586

RESTRICTED

HEADQUARTERS

Declassified E.O. 12356 Section 3.3/NND No. 785019

P.W. & C.I.S./C.A.C.
5 JUL 1945 062

HEADQUARTERS
ANC FIFTH ARMY
APO 464 U.S. ARMY

82

DMG/sa
2 July 1945
205/8

SUBJECT: Water Supply, Florence.

TO : Senior Refugee Officer 5 Army.

1. Due to the water shortage in Florence which is expected to be acute during July and August every possible step should be taken to conserve the existing supply and reduce the population as much as possible.

2. If at all possible the refugee center in Florence should be moved to Siena or some other point where no shortage of water is expected.

D.M. GAITHER
Major C.E.,
Engineer Officer,
AMG Fifth Army

cc. DPRS Rome
Exec CFT AMG 5 A
PWU S/C Rome

see Folio 79

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ac

81

Reference : 062/PWU

3 July 1945

Subject : Water Supply Shortage Florence Area

To : Advanced Section Electrical Division
Public Works & Utilities Sub-Commission
in care of AMG Florence Province - Tel. 1153

1. Per conversation please furnish as much information as possible on para 1 c-1-2-3 of enclosed.

2. With reference to para 1 c-4 we understand that all pumps in the Florence and Prato areas will be utilizing 50 cycle frequency by 8 Jluy 1945 which will permit the pumps to operate at their maximum output. The ground water level will govern the actual quantity of water delivered.

3. Suggueat you also contact Mr. Rapp for any informe- tion he may have.

4. This matter is considered most urgent.

79-80 Repro
82

84 copies

W.M. LAPPER
Lt-Colonel,
Chief Elec. Div.

Enclosure : ltr G-5 AFHQ W/4-30/6/45

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

Memo 80

Memo:
Conversation Major Barry Florence 3/7/45-

1— Maj. Barry had conference with Florence military command on water situation last week.

2— water situation getting more acute as ground water level is falling due to drouth,

3— Did not know of any rationing scheme being enforced by Florence military command.

4— All pumps in Florence and Pisa will be operating on 50 cycle frequency by 8th July. This will increase pump capacity by 10% but will be offset by fall in water level,

5— ___ ___ will move into area between 8-and 14 July,

6— Area under the Military command of "Florence Area Command"

79 Auth

L. Haughton
2583 Major

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P.W. & M. S/C A.C.
F2 JUL 1945 067

WD-4386 109

79

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. W-4

30 June 1945

SUBJECT: Water Supply Shortage

TO : Headquarters, Allied Commission, APO 394
(Attn: Public Works & Utilities Sub-Commission)

1. The Assistant Chief of Staff G-4, MTOUSA, has made the following observations:

"a. The Water supply shortage in the whole Florence Area merits immediate attention to avoid an acute situation.

"b. The following recommendations are offered for necessary action.

"c. The Allied Commission should take an active interest in the situation with the objective of obtaining improvements along the lines listed below:

(1) Investigation by A.C. or FAAC Engineers should be made at once of the Florence water supply to obtain greater production or distribution of a greater percentage to the military.

(2) Conservation by civilians must be enforced.

(3) The 3 wells in the FRTA should be vigorously pushed to completion. Help might be given with equipment and more especially by furnishing adequate pumps for operation.

(4) Electric power must be improved by reducing variations in frequency and thereby increasing capacity of electric pumps. This would result in a considerable improvement in Florence and FRTA."

2. Request you take action as above, and keep this section informed of progress made in correcting the present water shortage.

For the Assistant Chief of Staff, G-5:

2582

R. V. GRADY
Major, T.C.
Economics & Supply Division

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18 JUN 1945 062

78

FIELD INSPECTION = 14 June 1945

Water Supply Forli =

1. One group of nine wells supplies water to a 250 mm pipe line through a 160 cubic meter per hour electrically driven pump. Two emergency combustion engine pumps of 50 cubic meters per hour capacity each are available to augment this supply.

2. Two separate wells each powered by a 30 cubic meter per hour electric driven pump feed into a 150 mm pipe line.

3. The above pipe lines are interconnected and supply the Forli area containing a civilian population of approximately 33,000 persons. Water is chlorinated at each pump. Pressure averages between three and one half and four atmospheres. Daily meter readings over the June period average 4,000 cubic meters of water per day. Excessive use of water by military personnel had not been noted by the superintendent of the water works.

Clarence S. Wilcox

Clarence S. Wilcox
Major Ord.
Field Engineer

Distribution:

Lt Col Lapper
Lt Col Spann
FILE

2581

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

WML/ce

13 June 45.

MEMORANDUM

Ref. Conversation by telephone this morning with Col. SPANN and Major WILCOX at BOLOGNA.

COMMUNACQUA. - Water was normally taken by truck to supply this district. At present arrangements have been made to bring water in by ship.

RAVENNA.- The water-pipe work has been repaired, but shortage is due to large quantity required by P.O.W. camp. Major Mackenzie of District I is making arrangements to supplement supply which will be completed by end of June.

BOLOGNA.- Water supply is 60% of normal, but population is about twice normal. A 15 KV. electric transmission line is to be repaired. They are waiting for 20 tons of copper and 160 poles.

FORLI'.- Water supply is adequate.

FERRARA.- Normally two separate supplies, one from the Po river through filter system at present operating at 40%, the other from deep wells is out of use due to pumping-plant being destroyed. New pipes are required to get necessary alterations to system.

GENERAL.

Col. Spann of Emilia Region has the situation well in hand and is doing everything possible in conjunction with the Army District 1 engineers to bring conditions back to normal.

W.M. LAPPEN 2580
Lieut-Colonel,
Chief, Elec.Div.

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. G/C A.C.
14 JUN 1945 062

HEADQUARTERS=EMILIA REGION
ALLIED MILITARY GOVERNMENT
APO 394
Public Works and Utilities

76

Subject: Water Supply , Emilia Region

To : Lt Col Lapper
Elec.Div.,Public Works & Utilities=Sub=Commission
Allied Commission , APO 394

1. Copies of the latest available reports on water supply for Bologna, Forli and Comacchio are enclosed. The following summary includes data available up to present.

a. Bologna. The present water supply is 60 percent of normal, while the population has doubled. Additional sources now under consideration include:

1. 4,000 to 5,000 cubic meter flow through infiltration galleries at Sasso a Setta to be made available in one week by release of water from Brasinone dam.

2. 10,000 to 12,000 cubic meter flow at Sasso a Setta through installations of Diesel power source. Will require three weeks.

3. Temp. electric power is available for 4 wells at Borgo Panigale. 6,000 cubic meters flow could be made available within one week by repair to aqueduct river crossing. 4600 ft of 6 inch pipe needed. MTOUSA has disapproved use of gas pipe for this purpose.

4. The FF SS are now using 2,000 cubic meter per day. They have been instructed to reactivate their own water supply. This could be accomplished within one week.

b. Comacchio. Tank trucks are being supplied for this service.

c. Ravenna. No 1 District plans to cut POW camp from pipe line during night and supply 900,000 gallons to Ravenna reservoir during this period. This can be done within one month.

d. Forli. Present water supply has been greatly reduced by Polish camp having tapped into pipe line.

2. Information available on Ferrara water supply:

a. Old Aqueduct. Formerly supplied 33 litri per second from Castelfranco. Three miles of aqueduct destroyed by bombing. Present supply 0.

b. New Aqueduct. Formerly supplied 150 litri per second from river infiltration. This supply was damaged and is now partially in operation.

Clarence S. Wilcox
Major Ord. [illegible]
Field Engineer [illegible]

Incl.
Water Supply Bologna
Water Supply Ravenna
Water Supply Comacchio and Water and Sewage Forli

2579

COPY

HEADQUARTERS=EMILIA REGION
ALLIED MILITARY GOVERNMENT
Public Works & Utilities Division
APO 394

Reference: RIX/PU/03 17 May 1945

Subject : Status of Water System, City of Bologna.

To : Lt Col SPANN Regional Engineer.

1. Water System:

A. Sources:

1) Borgo Panigale wells(9) 35 to 150 meters deep.
2) Tiro a Segno wells(6) 150 to 210 meters deep.
3) Sasso a Setta wells(9) 2 meters deep, and diversion from the river Setta.

B. Aqueducts:

1) Setta aqueduct=water from the wells and river flow through the Setta (1.6X1.8m) which is 18 Kms.(11 miles) in length. The slope is 1 on 1000.
2) Borgo Panigale=560 mm.diameter CI pipe buried 1.5 m.
3) Tiro a Segno=500 mm. diameter CI pipe.

C. Storage:

1) Viale Aldini=two compartments 2000 & 6000 cu m capacity. Stores water from Setta.
2) Vallescura=cylindrical concrete tank of 4500 cu m capacity. Stores water from the Setta, Tiro a Segno, and Borgo Panigale sources.
3) Villa Aldini=500 cu m capacity.

D. Distribution System:

1) Low pressure= water from tank at Viale Aldini flows through pipes to serve the portion of town at the lowest elevation.

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3) Villa Aldini=500 cu m capacity.

D. Distribution System:

1) Low pressure= water from tank at Viale Aldini flows through pipes to serve the portion of town at the lowest elevation.
2) Medium pressure = portion of water from Viale Aldini is pumped to a second tank at a higher elevation from which water is delivered to a higher portion of the main city.
3) High pressure= Water from Vallescura supplies the outside ring of the city.
4) Very high pressure= water from Villa Aldini tank, supplies S.Luca, Osservanza, and S.Michele in Bosco, the highest portion of the City.

2578

E. Capacity of Sources:

1) Borgo Panigale wells=13.000 cu.m/day pumped from the wells bu electric motor driven pumps. Total power 400 KWH.
2) Tiro a Segno wells=17.000 cu.m/day pumped from the wells bu electric motor driven pumps. Total power 500 KWH.
3) Sasso a Setta=Total 22.000 cu.m/day
   a. Wells = 8.000 cu.m/day
   b. River = 14.000 cu.m/day (winter season)
4) Total = 52.000 cu.m/day.

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F. Capacities as of 17 May 1945.

1) Borgo Panigale=C cu.m/day (0%)
2) Tiro a Segno=17.000 cu.m/day (100%)
3) Sasso a Setta=14.000 cu.m/day (64%) 10=12.000
4) Total=31.000 cu.m/day (60%)

G. Difficulties:

1) Borgo Panigale:
   a. Entire installation partially destroyed by last Allied air raid before occupation of Bologna.
   b. Breaks in aqueduct caused by bombs.
   c. Aqueduct across Ponte Lungo bridge destroyed when the bridge was destroyed.
2) Tiro a Segno:
   a. Aqueduct to south of the station was broken by bombs.
3) Sasso a Setta:
   a. Transformers and power line to the installation were destroyed.
   b. Low water level in river due to lack of rain.

H. Recommend Action Following Materials be obtained and made available to the Società Bolognese di Elettricità for the following installations:

1) Borgo Panigale:
   a. Copper wire

4 mm dia	1197 ft.	wt.	47 kg.
5 mm dia	1559 ft.	wt.	85 Kg.
6 mm dia	8462 ft.	wt.	650 Kg.
7 mm dia	3444 ft.	wt.	363 Kg.
8 mm dia	8036 ft.	wt.	1105 Kg.

2) Tiro a Segno:
   a. No requirements.
3) Sasso a Setta:
   a. Copper wire

5 mm dia	16.100 ft.	wt.	300 Kg.
6 mm dia	88.560 ft.	wt.	6500 Kg.
8 mm dia	73.800 ft.	wt.	10000 Kg.

   b. Wood poles

11 meters long	130	required
12 meters long	30	" "
14 meters long	4	" "

   c. Insulator for 25.000 V transmission = 700 required.
   d. Hooks, wooden = 300 " "
   e. Iron stock for cross arms

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lied air raid before occupation of Bologna.
b. Breaks in aqueduct caused by bombs.
c. Aqueduct across Ponte Lungo bridge destroyed when the bridge was destroyed.

2) Tiro a Segno:
a. Aqueduct to south of the station was broken by bombs.

3) Sasso a Setta:
a. Transformers and power line to the installation were destroyed.
b. Low water level in river due to lack of rain.

H. Recommend Action Following Materials be obtained and made available to the Società Bolognese di Elettricità for the following installations:

1) Borgo Panigale:
a. Copper wire

4 mm dia	1197 ft.	wt.	47 kg.
5 mm dia	1559 ft.	wt.	85 Kg.
6 mm dia	8462 ft.	wt.	650 Kg.
7 mm dia	3444 ft.	wt.	363 Kg.
8 mm dia	8036 ft.	wt.	1105 Kg.

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a. No requirements.

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a. Copper wire

5 mm dia	16.100 ft.	wt.	300 Kg.
6 mm dia	88.560 ft.	wt.	6500 Kg.
8 mm dia	73.800 ft.	wt.	10000 Kg.

b. Wood poles

11 meters long	==========	130 required
12 meters long	==========	30 " "
14 meters long	==========	4 " "

c. Insulator for 25.000 V transmission = 700 required.
d. Hooks, wooden ========== 300 " "
e. Iron stock for cross arms

(1) 90 X 90 X 10	=========	wt. =	1500 Kg.
(2) 80 X 80 X 8	=========	wt. =	1000 Kg.
(3) 70 X 70 X 7	=========	wt. =	700 Kg.
(4) 60 X 60 X 6	=========	wt. =	2000 Kg.
(5) 50 X 50 X 5	=========	wt. =	700 Kg.

2577

4) Trucks must be made available to haul the material. A wrecker should be obtained to hoist sections of the 500 mm. pipe from the Reno river bed. These sections are required to repair breaks at other places along the Panigale aqueduct (1740 lbs/section).

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COPY

HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
PUBLIC WORKS AND UTILITIES DIVISION
APO 394

REF. :

9th June 1945

SUBJECT: Water Supply Ravenna.

TO : Lt Col Spann
Regional Engineer Emilia Region

Source of Supply, Torre Pedrera.
Pumped through pipe line to Ravenna.

Pipe line has been damaged in numerous places and replaced by pipe of less diameter, this is being taken care of by 24 E and M platoon RE who are fitting other pipes.

Water is pumped into Ravenna, reservoir between the hours of 18.00 to 06.00, giving approx 200.000 Gals per day. Population of Ravenna 30.000 giving just over 6 Gals per head of population augment by supply from water carts (army).

Capacity of reservoir 800.000 Gals, pre-war consumption 1.000.000 Gals. Have suggested to Eng. Baroncelli (water Eng. Ravenna) to try one of the following methods to ration supply.

1. Supply all town at full pressure for short periods during the morning and evening.
2. Cut off all supply to town and have stand pipes in different parts of town.
   This was suggested as I understand a lot of water is lost due to leakage of town mains.

Pipe line to this town has been tapped at numerous places to give a supply to PoW Camps and for the time being (untill pipes are repaired) it will not be possible to bring water up to pre-war level.

Present conditions could be helped if the following were observed.

1. Precaution taken to ensure that no stand pipes in PoW camps were left running during the night.
2. Would it not be possible to take some water for PoW camps from the Cesenatico pipe line. This is fed from three wells near Bellaria.

Project for repairs to Ravenna town main have been sub-mitted.

2576

P.R.C.STEPHENS
Capt. P.W.& U.

Incl #2

COPY

HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
Public Works & Utilities Division
APO 394

WMS/po.

31 May 1945

Ref : RIX/PU/03

Subject: Water Supply of Codigoro,
Lagosanto,
Comacchio.

To : Regional Commissioner.

1. Investigation was made to see what can be done to supply drinking water to Codigoro, Lagosanto and Comacchio in the eastern part of Ferrara Province.

2. Situation: Water was formerly supplied to these Communes by hauling in tank cars by rail from Ferrara. Some wells are used at Codigoro, but the water is not good. Plans have been made for some years for a pipe line from Ro (MR M 225980), but no construction was ever done so that the only difference on the situation, now and then, is that transportation is now destroyed. There is a pipeline from Ro to Ostellato (M 375748) and one from Bena (G 4200001) to Jolanda (M 410900), both of which have a limited supply of filtered potable water. Water for Codigorowas originally hauled by truck from Jolanda to Codigoro to supplement local wells there. Distribution in Communes was by small water carts.

The population and minimum water requirements are estimated to be as follows:

Locality	Population		Minimum water needs (litres)	
	City	Commune	City	Commune
Codigoro	8000	20,000	4000	8000
Lagosanto	5000	7,000	5000	7000
Comacchio	12000	20,000	15000	30000

Those figures for water should be

Declassified E.O. 12356 Section 3.3/NND No. 785019

Comacchio.

To : Regional Commissioner.

1. Investigation was made to see what can be done to supply drinking water to Codigoro, Lagosanto and Comacchio in the eastern part of Ferrara Province.

2. Situation: Water was formerly supplied to these Communes by hauling in tank cars by rail from Ferrara. Some wells are used at Codigoro, but the water is not good. Plans have been made for some years for a pipe line from Ro (MR M 225980), but no construction was ever done so that the only difference on the situation, now and then, is that transportation is now destroyed. There is a pipeline from Ro to Ostellato (M 375748) and one from Bona (G 4200001) to Jolanda (M 410900), both of which have a limited supply of filtered potable water. Water for Codigorowas originally hauled by truck from Jolanda to Codigoro to supplement local wells there. Distribution in Communes was by small water carts.

The population and minimum water requirements are estimated to be as follows:

Locality	Population		Minimum water needs (litres)	
	City	Commune	City	Commune
Codigoro	8000	20,000	4000	8000
Lagosanto	5000	7,000	5000	7000
Comacchio	12000	20,000	15000	30000

These figures for water supply should be doubled if possible, for use in cooking and drinking.

The situation is bad as people are drinking at 2575 water from flood areas in some places. 20 cases of typhoid fever are in Comacchio. Residents state that they formerly drank wine as a substitute for water, but now the wine supply. in low. Some water hauled by boat to Comacchio from S.Giuseppe, but there is only one well and the water is not good. Ground water can be had but it is full of metano gas and animals drink it only when very thirsty. Engineers stated that no effort had been made to treat the water to make it potable. The local people claim that areas around Comacchio are mined and activities in salt beds and fishing are seriously handscapped.

No transport or water tanks are available at Comacchio or Lagosanto. There is a Ford truck (32x6) at Codigoro at the Municipio garage, but it needs 1 wheel, 2 inver tubes and 4 wheel discs to put it in operation. There is also a tank of 2000 liters capacity at Codigoro available for use.

3. Possible Solutions. Three alternate plans suggest

9 mil 43

Declassified E.O. 12356 Section 3.3/NND No. 785019

(A) Use surplus gasoline pipe line to pump water from Migliarino to the three communes. 33 kilometers of 4" or 6" pipe would be needed with a least one boaster pump station.

(B) Secure a minimum of 4 water carts from Army. We understand that there are some surplus carts in the area to the north, definite location is not known.

(C) Assign trucks to the job from available sources mounted with tanks as follows:

1 to Codigoro
1 to Lagosanto
2 to Comacchio

The truks could be assigned to the Syndaco in each Commune who would supervise operation and issue ration tickets on a family basis.

4. Recommendation. Since the need for action is urgent if the welfare of the people in the area is to be considered, and red tape would require time to unravel on the first two propositions, it seems best to use scheme "C" by getting 4 trucks from some auto-trasporti garage and find tanks for use on them, placing control of operation in the hand of the Syndaco in each place.

5. I have talked this matter over with the P.C. at Ferrara and the C.A.O. at Codigoro. Every effort will be made by both parties to locate need equipment, but since it is definitely a transportation problems, it is suggested that if approved by you, execution be turned over to the transportation officer for immediate action.

William M. SPANN
Lt Col. AUS.
Regional Engineer Officer.

c/c
Public Health
P.C. Ferrara.

2574

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

16 February 1945

Subject: Water and Sewage - Forli City

REPORT

The present situation is:

90.000 gals of water per hour is being pumped into the town mains.

This water is fully chlorinated at the source.

The source is the normal one, from artesian walls.

An air extractor is being installed at the pumping source and when completed, in about 2 weeks time, the hourly supply will be 120.000 galls per hour.

Water mains have been opened through the town and it is a fair estimate that 70% of the city is now being supplied.

Pressure during peck periods is rather low, estimated 41 lbs. per sq. ins. but at night the pressure is 95 lbs.

The pumps work 24 hours of the day.

All the sewers in the City are in good order and the D.C.R.E. has no knowledge of any broken sewer.

It is accepted however, that there may be quite a few buildings and houses where the internal flushing is poor.

That however , is a matter for the occupants to rectify.

All the work is being performed through the City Engineer supervised by D.C.R.E.

The situation is improving daily and the D.C.R.E. has expressed his satisfaction.

I therefore consider there is no need for any alarm as regards any epidemic breaking out in the City due to lack of water or bad sewerage.

2573

Encl # 4

1106

Declassified E.O. 12356 Section 3.3/NND No. 785019

Rec'd 14 June 45

HEADQUARTERS=EMILIA REGION
ALLIED MILITARY GOVERNMENT
APO 394
Public Works and Utilities

Subject: Water Supply , Emilia Region

To : Lt Col Lapper
Elec.Div., Public Works & Utilities=Sub=Commission
Allied Commission , APO 394

1. Copies of the latest available reports on water supply for Bologna, Forli and Comacchio are enclosed. The following summary includes data available up to present.

a. Bologna. The present water supply is 60 percent of normal, while the population has doubled. Additional sources now under consideration include:

1. 4,000 to 5,000 cubic meter flow through infiltration galleries at Sasso a Setta to be made available in one week by release of water from Brasinone dam.

2. 10,000 to 12,000 cubic meter flow at Sasso a Setta through installations of Diesel power source. Will require three weeks.

3. Temp. electric power is available for 4 wells at Borgo Panigale. 6,000 cubic meters flow could be made available within one week by repair to aqueduct river crossing. 4600 ft of 6 inch pipe needed. MTOUSA has disapproved use of gas pipe for this purpose.

4. The FF SS are now using 2,000 cubic meter per day. They have been instructed to reactivate their own water supply. This could be accomplished within one week.

b. Comacchio. Tank trucks are being supplied for this service.

c. Ravenna. No 1 District plans to cut POW camp from pipe line during night and supply 900,000 gallons to Ravenna reservoir during this period. This can be done within one month.

d. Forli. Present water supply has been greatly reduced by Polish camp having tapped into pipe line.

2. Information available on Ferrara water supply:

a. Old Aqueduct. Formerly supplied 33 litri per second from Castelfranco. Three miles of aqueduct destroyed by bombing. Present supply 0.

b. New Aqueduct. Formerly supplied 150 litri per second from river infiltration. This supply was damaged and is now partially in operation.

Clarence S. Wilcox
Major Ord.
Field Engineer
2572

Incl.
Water Supply Bologna
Water Supply Ravenna
Water Supply Comacchio and Water and Sewage Forli

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LW

75

Reference : 062/PWU

2 June 1945

Subject : Water supply Rieti Province

To : 104 C.R.E. WORKS - R.A.A.C.

1. Per conversation with Capt. Fleck of even date there is enclosed letters pertaining to Water Supply to S.Rufina, Pendenza, Micciani e Cesoni.

For the Chief Commissioner,

W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

Enclosures :

ltr 1089 - 7/5/45 from Camera di Commercio Industria e Agricoltura
" 30 -29/3/45 from Commune of Cittaducale
" 1273 -30/3/45 " " " "

2571

Rieti folio 64

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

PBS 24090 2502
P.W.40.S/C
74

AG 441.3 BPENG 28 MAY 1945 1st Ind.

Headquarters, Peninsular Base Section, APO 782. 6 JUN 1945

TO: Chief Commissioner, Allied Commission, APO 394
(Attn: Public Works and Utilities Sub Commission).

1. Florence Command has not yet presented a requisition for chloride of lime but it is expected that a requisition for twenty (20) tons will be presented to the Engineer Supply Officer, PBS to cover the two - month period for which issue is authorized by MTOUSA. The chloride of lime is available immediately at Depot #-2L76 in Leghorn.

2. No action is being taken as regards alum following instructions from MTOUSA to withhold all issues of alum for Florence Command.

FOR THE COMMANDING GENERAL:

RECEIVED
P.W. & U. S/C A.C.
9 JUN 1945 067

A. J. MARSHALL JR.,
1st Lt, FA,
Acig Asst Adj Gen

HEADQUARTERS
8 JUN 1945
A. C.

Air Force 7°

2570

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

Telephone 478805

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works & Utilities Sub Commission
Electrical Division

LGP/bs 73.c

Reference: 306/PWU

2 June 1945

Subject : Purification of Florence City Water Supply

To : C.G. PBS ENGINEER SECTION (ADV)
(Att. Lieut.Col. Cooley)

1. Herewith copy of AFHQ G 5 letter M 3 dated 28 May 45 for your comments please.

2. The subject matter was discussed Lieut.Col.Cooley - Maj. Price on 28 May 45 as the result of telephone conversation referred to in basic letter.

By Command of Rear Admiral STONE,

L.G.PRICE, MAJOR RE
for Lieut Colonel
Chief Electr.Division

Maj. Price
Comments
73c

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

73.b

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. M-3

28 May 1945

SUBJECT: Purification of Florence City Water Supply

TO : Headquarters, Allied Commission, APO 394.
(Public Works & Utilities Sub-Commission)
For attention of Major Price

1. Reference telephone conversation of to-day's date, Maj. PRICE - Capt. JEFFERY, re chemicals for the purification of Florence City Water Supply.

2. For your information, a cabled request was received at this Headquarters from C.O. Florence Command, asking for 10 tons of Chloride of Lime and 10 tons of Alum to be made available monthly, for the above service.

3. This H Q authorised CG PENBASE to issue the above items and quantities for a period of 2 months only, and, AC were notified to this effect in this HQ memo Ref. M-3 dated 26 May 1945.

4. Consequent upon receipt of authority to issue these chemicals, CG PENBASE signalled this HQ pointing out that AMG TOSCANA Region had reported to AFLRS (AFHQ) that Salpa Firm, FLORENCE, is producing 2 tons of alum per day at CASTELLINA in CHIANTI, near SIENNA. In view of the local availability of alum, you are requested to notify this HQ as early as possible, whether this could not be utilized in lieu of the quantity presently requisitioned on PENBASE.

5. Pending receipt of your reply, PENBASE is being instructed to withhold all issues of ALUM.

For the Assistant Chief of Staff, G-5:

F. G. Jeffery

F. G. JEFFERY
Captain, R.E.
Economics & Supply Division.

Copy to: G-4 - reference telecon Col LIBBY - Capt JEFFERY 256870

See Folio [illegible]

CONFIDENTIAL

P.W.&U. 5/c

MUNICIPIO DI SPOLETO

73.0

RECEIVED
P.W. & U. S/C A.C.
8 JUN 1945 062

N. 4782 1

Spoleto, addì 14 Maggio 1945

Risposta al N. _____
del _____
Div. _____ Sez. _____

OGGETTO:

Elettropompe acqua potabile.

Allegati N. _____

Si sono ricevute le autorizzazioni N. 2242- 2243- 2244- 2246 con le notifiche di orario di funzionamento delle varie pompe in servizio di sollevamento d'acqua potabile nelle Frazioni varie di questo Comune.

Dato il genere di servizio pubblico necessario per l'igiene delle popolazioni servite da tali pompe e la piccolezza dei serbatoi da esse collegate sono insufficienti anche ad un minimo servizio giornaliero e quindi l'orario fissato risulta assolutamente incompatibile.

Si riterrebbe più soddisfacente che l'orario di tali pompe fosse identico a quello che viene osservato dalle officine usufruendo di energia elettrica, giacché in tal modo il riempimento dei serbatoi stessi potrebbe avvenire due o tre volte al giorno con vantaggio evidente per il servizio dell'acqua potabile.

IL SINDACO

Al GOVERNO

2567

Declassified E.O. 12356 Section 3.3/NND No. 785019

Risposta al N. .....
del .....
Div. ..... Sez. .....

OGGETTO:

Elettropompe acqua potabile.

Allegati N. .....

servizio di sollevamento d'acqua potabile nelle Frazioni varie di questo Comune.

Dato il genere di servizio pubblico necessario per l'igiene delle popolazioni servite da tali pompe e la piccolezza dei serbatoi da esse collegate sono insufficienti anche ad un minimo servizio giornaliero e quindi l'orario fissato risulta assolutamente incompatibile.

Si riterrebbe più soddisfacente che l'orario di tali pompe fosse identico a quello che viene osservato dalle officine usufruendo di energia elettrica, giacché in tal modo il riempimento dei serbatoi stessi potrebbe avvenire due o tre volte al giorno con vantaggio evidente per il servizio dell'acqua potabile.

IL SINDACO

2567

Al GOVERNO
MILITARE ALLEATO
P E R U G I A
e p.c. ~~ALL'UNIONE ESERCIZI~~
ELETTRICI - PERUGIA -

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

File

HEADQUARTERS ALLIED COMMISSION
APO 194
Economic Section

RWS/rlv

72

Reference: 062/IWU

7 June 1945

Subject : Water Pumps for Leghorn Water System.

To : Headquarters, Peninsular Base Section.

71A

Reference your AG671.1 EPENG dated 27 May 1945.

1. Please be advised that the project for the construction and installation of pump-motor units for the Leghorn Water System was given final approval by this Headquarters on 2 June.

2. This project has been discussed in detail with the Regional Engineer, Toscana Region, and arrangements have been made for work to proceed without delay.

For the Chief Commissioner:

(Sgd) D. L. A.

D. L. ANDERSON
Brigadier
Deputy Vice President

Copy to:
Regional Commissioner
Toscana Region.

2566

Declassified E.O. 12356 Section 3.3/NND No. 785019

ALLIED [redacted] COMMISSION

INTER-OFFICE MEMORANDUM

Office of the Executive Commissioner

ABA/sem

SUBJECT: Water Pumps for the Leghorn System FILE No. 5409/21/EC

30 May 1945

TO : Economic Section

1. Enclosed is a letter from Headquarters Peninsular Base Section, their reference, AG 671.1 BPENG of 27 May, with reference to water pumps for the Leghorn System.

2. This letter is passed to you for appropriate action and it would be appreciated if a copy of your reply were to be forwarded to the Executive Commissioner's Office for its files.

for Chief Staff Officer
To Executive Commissioner

RECEIVED
P.W. & U. S/C A.C.
1 JUN 1945 062

2565

Declassified E.O. 12356 Section 3.3/NND No. 785019

RESTRICTED

714

HEADQUARTERS
PENINSULAR BASE SECTION
APO 782

AG 671.1 BPENG 27 May 1945

SUBJECT: Water Pumps for Leghorn Water System.

TO : Provincial Commissioner, Allied Commission, Rome.
(Attn: Executive Commissioner)

1. It is understood that the Genio Civile of Leghorn Province has presented to the Public Works and Utilities Division, Toscana Region, Allied Commission, a proposal by SATA, 1 Via Belluno, Rome, for the construction and installation of ten (10) pump-motor units at the Filettole Pump Station of the Leghorn water system. It is further understood that a contract for the work has not yet been signed. The project was originally proposed in January 1945.

2. Water supply in Leghorn, particularly for the civilian population, is critical with the advent of hot weather and heavy military water demands for redeployment and prisoner of war compounds. Pumps at Filettole now consist of one (1) civilian-owned electric motor driven pump and four (4) army-owned gasoline engine driven pumps. The army-owned pumps will have to be withdrawn within the next few months which will leave Leghorn with only about 30 per cent of the capacity of the Filettole Pump Station and no standby unless additional pumps are installed.

3. This headquarters is interested in the completion of the project in order that military equipment may be relieved and at the same time provide water for the civilian population and more adequately for military use.

4. It is requested that completion of the contract and the whole project be expedited particularly in view of present critical water supply situation for civilians in the Commune of Leghorn.

FOR THE COMMANDING GENERAL:

72 refers

C. I. ZUCKER
Captain, AGD
Asst Adj Gen

HEADQUARTERS
28 MAY 1945
A.

2564

cc: Regional Commissioner,
Toscana Region, AC

RESTRICTED

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
A.F.W. & U.S/C A.C.
31 MAY 1945 062

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Econ Sec 168
1595
10

28 May 1945

Ref. M-3

SUBJECT: Purification of Florence City Water Supply

TO : Headquarters, Allied Commission, APO 394.
(Public Works & Utilities Sub-Commission)

For attention of Major Price

1. Reference telephone conversation of to-day's date, Maj. PRICE - Capt. JEFFERY, re chemicals for the purification of Florence City Water Supply.

2. For your information, a cabled request was received at this Headquarters from C.O. Florence Command, asking for 10 tons of Chloride of Lime and 10 tons of Alum to be made available monthly, for the above service.

3. This H Q authorized CG PENBASE to issue the above items and quantities for a period of 2 months only, and, AC were notified to this effect in this HQ memo Ref. M-3 dated 26 May 1945.

4. Consequent upon receipt of authority to issue these chemicals, CG PENBASE signalled this HQ pointing out that AMG TOSCANA Region had reported to AFLRS (AFHQ) that Salpa Firm, FLORENCE, is producing 2 tons of alum per day at CASTELLINA in CHIANTI, near SIENNA. In view of the local availability of alum, you are requested to notify this HQ as early as possible, whether this could not be utilized in lieu of the quantity presently requisitioned on PENBASE.

5. Pending receipt of your reply, PENBASE is being instructed to withhold all issues of ALUM.

For the Assistant Chief of Staff, G-5:

F. G. Jeffery

F. G. JEFFERY
Captain, R.E.
Economics & Supply Division.

74

Copy to: G-4 - reference telecon Col LIBBY - Capt JEFFERY.

2563

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

69

HEADQUARTERS EMILIA REGION
ALLIED MILITARY GOVERNMENT
Public Works & Utilities Division
APO 394

Reference: RIX/PU/17

28 May 1945

Subject : WD Water Cart. Ancona Commune

To : Public Works & Utilities Sub-Commission
Hq Allied Commission
APO 394
(Attn. Col. Lapper)

68

1. Reference is made to your letter 062/PWU dated 22 May 45.

2. We are informed by G-4 at A.C. Hq. that a water cart is on the way to Ancona and we need take no action.

3. Please advise if you wash us to report on the water situation there.

RECEIVED
P.W. & U. E/C A.C.
21 MAY 1945 062

For the Regional Commissioner.

WILLIAM M. SPANN
Lt. Col. AUS
Regional Engineer Officer

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489061
Ext.317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

WML/cs
68

22 May 1945

062/PWU.

SUBJECT : WD Water Cart. Ancona Commune.

TO : Regional Commissioner, Emilia Region
(attention: Regional Engineer)

1. Attached is a copy of a letter which we have received from Commissioner, Ancona Commune, from which it will be observed that they are in difficulty in connection with the water supply.

2. Although it is appreciated that this does not come within your Region, but as Emilia Region is the nearest Region, it is requested that one of the Engineer Officers visit Ancona to see what arrangements can be made to improve the water supply or, alternatively, arrange with some Army unit in the vicinity to supply a water cart, as requested.

By command of Rear Admiral STONE :

W.M. LAPPER,
Lieut-Colonel,
Chief, Elec.Div.

Copy to: AMG Ancona Commune.

69 refers

2561

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U: S/C A.C.
21 MAY 1945 062

P.W. & U

729

67

HEADQUARTERS
AMG
ANCONA PROVINCE
UMBRIA - MARCHE REGION
CMF

Subject: WD Water Cart

To: HQ AC Roma

From: AMG Ancona Commune

Ref.: ANC/ A/101

Date: 17 May 45

1. The water situation in Ancona Commune is serious and the Civilian Prisons is without any supply. The Fire Service keeps the hospital supplied, but is not in a position to undertake any further responsibilities.

2. The Military Authorities are unable to help, & it is urgently requested that a water cart be supplied to this HQ forthwith.

for GUY ELMES,
Lieut, Colonel,
Commissioner,
Ancona Commune.

Copy to PPSO

2560

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ac

66

Reference : 062/PWU

19 May 1945

Subject : Enlargement water flitration plant for Tieste

To : REGIONAL COMMISSIONER VENEZIA REGION
(Attention Regional Engineer)

1. Representative of the S.A.T.A. Co. Rome called on us and stated that they had a pre-war contract to increase water supply to Trieste by installing a flitration plant at Monfalcone about 30 Km. north-west of Trieste.

2. Further details are given in the attached letter.

3. Would you please let us know whether there is a need for these services at the present time or in the near future.

4. Demitrio Boccolis who signed the attached letter has a brother by the name of George Boccolis living at Via Zovenzoni N° 3 or Palazzo Lloyd Triestino.

By Command of Rear Admiral STONE,

W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

2559

1 enclosure

su foglio 65
65 inviato

Declassified E.O. 12356 Section 3.3/NND No. 785019

S. A. T. A.
PUBLIC WORKS
WATER SUPPLY - WATER PURIFICATION
CONSULTING, HYDRAULIC AND SANITARY ENGINEERS

Agency of the
JEWELL EXPORT FILTER COMPANY
New Jork - London - Calcutta
Water Works, Gravity and Pressure Filters
Chlorinators, etc.

RECEIVED
P.W. & U. S/C A.C.
18 MAY 1945
062

I. VIA BELLUNO

Tel. Offices 862.546
80.168
Factory 490.666
Cable Adress SATACQUA ROMA

Rome, May 19 1945

65

HEADQUARTERS ALLIED COMMISION
Public Works & Utilities Division
R O M E
Via Vittorio Veneto.

SUBJECT : WATER SUPPLY FOR THE PORT OF TRIESTE.

As constructors on account of the JEWELL FILTER COMP. of London and New York of the water filtration plant for the aqueduct of Trieste, we have the pleasur to comunicate you as follows:

In the year 1943 the municipality of Trieste ordered us the enlargement of the water filtration plant, that provides all the water for the town and the harbour of Trieste. This enlargement permitted an increase of the supply from 50.000 to 75.000 cubic metres per day.

Our firm therefore has prepared all the necessary materials and is ready to put them into action.

Now we think that the port of Trieste will assume a great importance for the Allied supplies for central Europe and it will also be necessary a greater quantity of water for the base service that the present filter plant (already constructed by us) cannot give.

So we hope you will be glad to be informed of our possibilities, that allow us, with the materials that are ready and our organization which has already been appreciated in other similar occosion with the aqueduct of Leghorn, to meet with the supervening necessities.

With the kindest regards, we are

2558

Sincerely Yours.

S. A. T. A.
SOC. AN. TRATTAMENTI ACQUA

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

By : C.Tatti

BOARD OF COMMERCE, INDUSTRY AND AGRICULTURE
Provincial Commission for use, distribution & control of electricity
ROME

7 May 45

64

REFERENCE : 1089

TO : Public Works & Utilities Sub-Commission
Electricity Department

1. Forwarded enclosed herewith for your action letter from Rieti Province, which was delivered by mistake to this Provincial Committee.

THE CHIEF OF THE TECHNICAL O.
Eng. Augusto Ranieri

COMMUNE OF CITTADUCALE
(RIETI PROVINCE)
Public Health Office

66023
Capt. Flock.

29 Mar 45

REFERENCE : 30

TO : Commissario Prefettizio

SUBJECT : Water Supply

1. We beg to point out that the present water supply of this town and villages in this Commune is insufficient to the needs of the population. This insufficient is a continuous and serious menace to the public health.

2. Owing to the scarce quantity electric power available the Peschiera Aqueduct is not operating at present, and both in this town and in S.Rufina Village the water supply is provided by the old aqueducts, in which water is very scarce owing to dry weather. Furthermore, the water supply to S.Rufina is not potable.

3. Also Pendenza Village, which is located over the sources of Peschiera River suffers from lack of water, and the population is living in very poor health condition.

4. As the summer is coming, the danger to public health is increasing, and it is therefore urgently needed to ensure operation of Peschiera Aqueduct.

2557

The Public Health Officer

Sgd. illegible

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

y : C.Tatti

COMMUNE OF CITTADUCALE

REFERENCE : 1273

30 Mar 45

TO : Allied Command - Electricity Control
& info. : H.E. The Prefetto, Rieti
: Allied Military Command by the Sugar Plant, Rieti.

SUBJECT : Communal Aqueduct.

1. I beg to point out to your Command that the new Peschiera Aqueduct, which has been built in 1938 for supplying with potable water this town and the hamlets of S.Rufina, Pendenza, Micciani and Ceseni, is at present not operating, since the voltage of the electric power needed is so low that it is impossible to raise the water.

2. Owing to the a/m reasons they are now using the old aqueduct, which is totally insufficient for meeting the needs of the population and this Office is receiving continuous claims from the Public Health Officer, who is seriously worrying about this situation. He forwarded the report enclosed herewith, from which it appears that, as the summer is coming, the lack of water could cause the spreading of infectious disease, as it happened in the years before the construction of the new aqueduct.

3. Besides that, this administration is definitely unable to supply through the old aqueduct the quantity of water needed by the two barracks now occupied by Allied Troops.

4. I beg therefore earnestly your Command to arrange as soon as possible (that is before the lowest level period of the old source, which will leave us completely without water) for supplying 50 periods and 220 Volts electric power, bearing in mind that the motors used for raising water into the new aqueduct have a power of 120 H.P. and a speed of 3000 r.p.m.

5. I feel confident that your Command will take appropriate action in behalf of both Allied Troops stationed here and of the population.

THE COMMISSARIO PREFETTIZIO

Sgd. (illegible)

2556

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O P Y

ALLIED MILITARY GOVERNMENT
Civil Affairs Officer
92nd Division

In the Field
21 April 1945

SUBJECT: Water, Electricity and Sewage.

TO : Major D.M. Gaither, CMP, Eng. Officer, A.M.G. 5 Army.

1. City of MASSA.

WATER : Water is supplied by 5 aqueducts:

a) by mechanic force; in good state, but not functionning for lack of electric power; 160 HP are necessary for operating it; supplies 30 litres per second.

b) "Magro Canal", by natural fall; repairs to the pipe-line and fitting are under way; supplies 6 litres per second.

c) "Curinica", by natural fall; in good state; supplies 2 litres per second.

d) "Boscone", by natural fall; in good state; supplies 2 litres per second.

e) "Ischignano", by natural fall; repairs are necessary to the pipe-line and connecting chamber; repair works are under way; supplies 1.5 litres per second.

For carrying out the repair works, cement necessary has been brought in.

ELECTRIC POWER:

Two hydraulic plants in very good state exist:

a) "Cartaro" plant; power 600 KW.

b) "Canevaro" plant; power 200 KW.

The two plants presently function with a power of 50 KW for lack of water. Distribution of power is made in town according to orders issued by the A.M.G.

SEWAGE:

These are damaged. The Communal Engineer Office and the "Genio Civile" are taking care of the repairs.

2555 Section

Declassified E.O. 12356 Section 3.3/NND No. 785019

2. City of CARRARA.

WATER: Water is supplied by an aqueduct by natural fall and is in good state; in one point only of the town the pipe-line is interrupted; repair work is under way.

ELECTRIC POWER:

Two hydraulic plants exist. They are in good state.

a) "Carraia", power 50 KW.

b) "Canalie", power 60 KW.

Presently they only furnish 10 KW for lack of water.

For the urgent requirements of the town, an alternator group has been installed and is functioning by steam engine, producing 30 KW. There also exist two electrogen groups functionning by fuel oil which can produce 120 KW.

SEWAGE: In good condition.

GAS: The Plant is in good condition. It has quite a good supply of coal.

3. Comune of SERAVEZZA.

WATER: Water is supplied by an aqueduct by natural fall; repairs are in process of being carried out in order to bring the water to the main town of Seravezza. It is not possible to repair the aqueduct which brings the water to the neighbouring fractions which are in the plain, as same is completely destroyed and the pipe-line lies under the débris for an extension of 3 Km.

ELECTRIC POWER:

The plants are semi-destroyed. An electrogen group exists in good condition which could furnish the necessary power.

SEWAGE: There are none.

4. Comune of STAZZEMA.

WATER : Water is supplied by an aqueduct by natural fall which is in good condition.

ELECTRIC POWER:

Four small hydraulic plants exist which are in good condition and supply sufficient power.

2554

Declassified E.O. 12356 Section 3.3/NND No. 785019

SEWAGE: There are none.

In the village of Sant'Anna there are 500/600 corpses of civilians that have been badly buried and with the approach of the summer season could cause epidemics.

5. FORTE DEI MARMI

WATER: Water is furnished by two aqueducts:

a) "Folgareto and Strettoia", by natural fall; damaged, repairs are under way.

b) "Camaiore", by natural fall; in good condition; the amount of water supplied is sufficient.

ELECTRIC POWER:

The plants are semi-destroyed. The C.I.E.L.I. Co. under the direction of Eng. Biolo will start working on these plants as soon as the ones of Massa and Carrara are ready.

SEWAGE: There are none.

The Command Engineers will make a request for the eventual indispensable material necessary for carrying out the repairs, if there should be none available locally.

Orlando CASSANI
Captain Inf.
C.A.O., A.M.G., 92nd Div.

Vincenzo CARRARA
S. Tenente Genio
A.M.G. 92nd Div.

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
27 APR 1945 0627

COPY

61

ADVANCED SECTION
ELECTRICAL DIVISION
PUBLIC WORK & UTILITIES SUB-COMMISSION
ALLIED COMMISSION

April 24th 1945

TO: Lt-Col. Renton
Public Works & Utilities Sub-Commission
H.Q. Allied Commission
A.P.O. 394

Attached copies of report on water, electricity and sewage, cities of Massa, Carrara etc. are forwarded for information.

/s/ A. Crowther, Major
A. Crowther, Major R.E.

2 enclosures

2552

Copies to files - 158-078

Declassified E.O. 12356 Section 3.3/NND No. 785019

Hdq 062

HEADQUARTERS, MEDIA REGION
ALLIED MILITARY GOVERNMENT
APO 394.

63

Reference : RLK/PW/03
Ot.

28 April 1945

Subject : Repairs to water and sewer system at Rimini.

To : Director, Public Works & Utilities Sub-Commission,
HQ Allied Commission,
APO 394.

1. Herewith 3 projects for your consideration and approval as follows:

Our No.	Designation	Location	Est. Cost
249 P/C - 8	Repair water system	Rimini	716,000.-
250 P/C - 9	Repair water system	Rimini	160,000.-
251 W/P - 12	Repair sewer system	Rimini	1,720,000.-

2. This should put the water and sewer systems in the city in workable condition.

For the Regional Commissioner

WILLIAM K. GRAHAM
Lt. Col. AUS
Regional Dir. Assoc

Enclosures.

Copy only.
Original Action copy to 078

2551

Declassified E.O. 12356 Section 3.3/NND No. 785019

Folio 62-

Starting of Work on aqueduct

Commune of Cittaducale

Rieti Province

Forwarded to CRE 104 Work

RAAC CMF

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
20 APR 1945 062

60

TO : HQ,AC,Public Works and Utilities S/C

FROM : HQ,AMG,Umbria-Marche Region (Economic & Supply)

REF. : R5/518/ 17/1

DATE : 18 April 1945

SUBJECT: Request for Tin

F/A 043 - Feb 50

1. In accordance with Economic Section directive AC/5300/ Commerce of 28 Marche 45, the attached request for tin for the repair of an aqueduct at Agugliano (Ancona Province) is forwarded to your Sub-Commission.

2. PSO,Ancona,states that any shape of tin,of any type (not necessarily pure),will meet the need.

HEADQUARTERS
20 APR 1945
A C

For the Regional Commissioner:-

D Shaw Kennedy Major

D.V. SHAW-KENNEDY
Major,
Regional Supply Officer

action taken in accordance with Econ. Sec. Dir. AC/5300/Commerce of 28 March 45. Letter forwarding Mat 10/1 to Engr. P.W. on file OTS/6/Sec. ab 26/4/45

ENCLS: MAT 10/UM/204
Copy to: PC, for PSO, ANCONA
(ref. Your Anc/S/11/G2/146
of 16 April 45)

2519

1856

Declassified E.O. 12356 Section 3.3/NND No. 785019

AEM/dpe
Col.221

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LAZIO- UMBRIA REGION
(Engineering Division)
APO 394

RECEIVED
P.W. & U.S/C.A.C.
13 APR 1945 062

Rome, 31 March 1945

59

Subject: Turning over of water supply.

To : Engineer for Engineer Services, Rome Area.

1. In conformity with instructions of Regional Engineer the water supply is herewith turned to you.

2. A copy of my report on current status will be forwarded to you thru the Regional Engineer.

3. The following maps and/or plans are herewith turned to you:

a. Map 1:50,000 - General location of the Marcia Co. and A.C.E.A. from the sources to Rome.

b. Map of Rome 1:10,000 - Distribution systeem A.C.E.A.Co.

c. Map of Rome 1:10,000 - Distribution system of principal syphons Marcia Co.

d. Map of Rome 1:10,000 - Complete system of Acqua Marcia syphons and A.C.E.A. Acqueducts

e. Map of Rome 1:12,500 - With the 2 Zones of the turns of distribution; position fire hydrants and Hospitals.

f. Map-part of Rome 1:5,000 - Distribution system Acqua Vergine. Elevata and Vergine low level.

g. Map of Rome 1:12,500 - Distribution system Acqua Felice

h. Map-part of Rome 1:5,000 - Distribution system Acqua Paola

i. Map-part of Rome Planimetry at 1:12,500 - Distribution system Vergine - Elevata.

j. Map of Rome 1:12,500 - Distribution system principal

k. Map of Rome 1:12,500 - Aqueducts and chlorination plants of A.C.E.A.

HQ AC (PW)
for information.

2548

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Furning over of water supply - cont'd) 30 - 3 - '45

1. Map 1:50,000 - Acqueducts general position.
m. Map at 1:25,000 - Region of Rome

A.E.MICHEL, Major, S.R.
Pu.Works & Water Sec.-Rome Comune

Receipt of the maps and/or plans listed in item 3 above is herewith acknowledged.

W.L. MEDDING, Col. C.E.
Engineer for Engineer Services,
Rome Area, M.T.O.U.S.A.

31 March 1945

Declassified E.O. 12356 Section 3.3/NND No. 785019

F.W. & U. SUB-COM. A.C.
19 APR 1945 062

1

58

Ref. 5409/45/FC. 18 April 1945

SUBJECT: Water Supply for San Giovanni Valdarno.

TO : A/President, Allied Commission.

Reference your memorandum to Brig. Lush of 10 March, there is attached herewith an engineering report from the Public Works and Utilities Division of Tuscan Region and a letter from the Regional Public Health Officer, Tuscan Region for your information.

/s/ E. TALBOT.

Chief Staff Officer,
To Executive Commissioner.

Copy to: Public Works & Utilities Sub-Com (through Economic Section).

Encl. 2

2546

RECEIVED
P.W. & U. SUB A
12 APR 1945 062

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
TOSCANA REGION
PUBLIC WORKS & UTILITIES DIVISION

RVIII/100/PIR/4/4 9 Apl. 1945

57

SUBJECT : Water Supply S. GIOVANNI VALDARNO.

TO : Public Works & Utilities Sub-Commission
HQ Allied Commission APO 394
(attn. Lt. Col. Thompson R.C.E.)

1. With reference to your enquiry please find attached :

a) Prov. Commissioner Arezzo letter AR/HQ/124-2 dated 20 Mar. 1945 (Attention is drawn to the final para)

b) Regional Public Health Officer letter RVIII/30/7/33 dated 3 Apl. 45)

c) Copy of report by Capt. Saul 29 Mar. 45

d) Copy of report by Capt. Perkins 6 Apl. 45

2. It is suggested that a study of the above shows that :

a) The supply of water from outside source has not been considered of immediate necessity by the Italian Authorities in the past, nor is it considered by R.P.H.O. to be of first priority.

b) If you consider that the project should be put in hand the following alternatives are available :

1. Source at M.R. 950390 (see report by Capt. Perkins para 4/5 and 6)

2. Doubtful supply from MONTEVARCHI (see report by Capt. Perkins para 8 (b).)

c) Temporary measures already taken can be extended if required.

Declassified E.O. 12356 Section 3.3/NND No. 785019

HQ Allied Commission APO 394
(attn. Lt. Col. Thompson R.C.E.)

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1. Source at M.R. 950390 (see report by Capt. Perkins para 4/5 and 6)

2. Doubtful supply from MONTEVARCHI (see report by Capt. Perkins para 8 (b).)

c) Temporary measures already taken can be extended if required.

3. No action will be taken pending your instructions.

Vol 49 refers

P.S.L.LEE
Lt. Col. R.E.
Regional Engineer

Copy to :
R. C. Toscana Region
(attn. R.P.H.C.)

Prov. Commissioner Arezzo

File
PSLL/alb

Noted M. 13/4

2545

Declassified E.O. 12356 Section 3.3/NND No. 785019

Copy

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
OFFICE OF THE PROVINCIAL COMMISSIONER, AREZZO

FILE : AR/HQ/124-2

20 March 1945

SUBJECT : Water Supply to San Giovanni Valdarno.

TO : HQ Toscane Region.

There is no piped water supply in this town which has been the scene of a recent severe outbreak of typhoid fever which is almost certainly water-borne.

Two projects have been examined :

A) Bringing water down from Montevarchi.

B) Using local mountain springs.

A) is reported impracticable as the fall is insufficient and water is not very good.

B) required 8000 m. of 4" pipe to bring water from springs at either R 950415 or R 990385. The fall is 177 m. in 7 to 8 Km.

While permenent work would require a considerable time, it is estimated that an army unit could lay surface pipes in 20 days. The yield would be about 15 litres per second.

In view of the importance of avoiding epidemics on the L of C, and the maintainance of civilian public health, please let us know your reactions to this.

The President A.C. expressed his willingness to assist reproduction of pipes. The work would have presumably to be put out to contract.

G. W. QUIN SMITH
Lt. Colonel
Provincial Commissioner

Declassified E.O. 12356 Section 3.3/NND No. 785019

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G. W. QUIN SMITH
Lt. Colonel
Provincial Commissioner

2544

Declassified E.O. 12356 Section 3.3/NND No. 785019

Copy

HEADQUARTERS
TOSCANA REGION
ALLIED MILITARY GOVERNMENT

File Ref : RVIII/30/7/33

3 April 1945

SUBJECT : Water Supply - S.Giovanni Val d'Arno.

TO : Adjutent, Toscana Region.

1. Reference your RVIII/100/150, dated 28 March 1945 and attached AR/HQ/124-2, dated 20 March 1945 on s/m subject, whilst a mains water supply to any village is always considered a public health necessity, it is considered that first priority should not be given to the scheme proposed.

2. This commune has, in normal circumstances, a fairly good water supply, and the project to provide it with a mains supply is of many years' standing.

3. If this scheme could be done without interfering with other, more important, work it should be done, but the immediate decision is rather one for the Public Works and Utilities Officer, who knows details of availability of labour, materials etc., than for this Department.

Major, R.A.M.C.
Wm. MacKenzie, Major,
R.P.H.O.,
Toscana Region

Copy to:- Regional Public Works and Urilities Officer, Toscana.

WM/lm.

declassified E.O. 12356 Section 3.3/NND No. 785019

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Major, R.A.M.C.
Wm. MacKenzie, Major,
R.P.H.O.,
Toscana Region

Copy to:- Regional Public Works and Utilities Officer, Toscana.

WM/lm.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Copy

9 MARCH 1945

Report on Waters Supply of S. Giovanni Valdarno.

(1) Population 9.000 situated on flat low lying ground near river Arno.

(2) Water Supply. From private shallow wells(5 - 10 M) in alluvional upper soil. No piped or pumped supply, but some houses have own electric pumps and storage tanks at roof level. In summer when water table level reduced, water might floa back through subsoil from River Arno.

(3) Alternate Supplies. (a) Deep water supplies exist but these ar are poluted by lignite, iron and other mineral and organic impurities and are unfit to drink.

(b) Spring water can be brought by gravity about 8 Km. from mountains.

(c) Water could be pumped and piped from Montevarchi (5 Km.) but supply here limited and not of much better quality.

(4) Typhoid Epidemie. Flooding from River Arno flooded some of the wells in two districts, infecting them. The infection spread through the substratum to the majority of the wells.Cases rose to about 108 at end of February and since then have subsided owing to preventive means taken to about 60 at present in hospital and about one fresh case per day. The total that have entered hospital are 160 and 11 died.

(5) Preventive Means. After consultation between AMG Welfare Officer, ARC, Genio Civile and P. & U. Field Officer Arezzo it was decided that relief in the form of an engineering project under (3) above would take too long to be effective.
Transport of water by lorries with tanks was considered impractical in view of the transport involved.
It was decided that chlorization of water and innoculation of the inhabitants were the only effective immediate means of preventive.
These measures were put into effect with the above results.
For the chlorization a number of tanks were offered by 55 Area. These were found to be rusty which produces some reaction with the chlorine and declared to be unserviceable.
In lieu of these 12700 litre wine barrels are being use, which together with private utensils are reported to be sufficient.
These are located in pairs at the principal and least infected

Declassified E.O. 12356 Section 3.3/NND No. 785019

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In lieu of these 12700 litre wine barrels are being use, which together with private utensils are reported to be sufficient.
These are located in pairs at the principal and least infected wells.
The water is chlorinated and left the stand in them being drawn off from one while the other is being filled and chlorinated.

(6) Engineering Projects. The situation is therefore under control through far from satisfactory from the point of view of permanency. Its priority might therefore warrant release of materials for an engineering project for temporary or permanent alternative supply as indicated in 3 above.

Declassified E.O. 12356 Section 3.3/NND No. 785019

(7) Water Pumped at Montevarchi. The supply of Montevarchi is partly derived from springs from the hills and partly from wells as at S.Giovanni but is piped and pumped and laid on to the above houses. It also is subject to contamination and is chlorinated. It is not overabundant for local needs let alone export. There is little fall between Montevarchi, and S.Giovanni and in addition to 5 Km. of 6° or at any rate 4° pipe a pumping plant would be required.

(8) Water from Springs in mountains. An abundant supply of 15 litres for sec. minimum summer flow can be tapped at either of two points M.R. 930430 or 980375 approx. In the former and better case there is a head of 177 M and a length of 7800 M of 4" pipe would be necessary to bring the supply to S.Giovanni. A small dam for collection and possibly a break pressure reservoir would also be necessary and additional piping if supply were to be distributed or laid on the houses.

(9) The project could be considered as temporary and emergency making use of Army jointed pipes laid overland in which case the help of an Army Specialist Unit would enable the work to be carried out in a few weeks.

(10) It could alternatively be considered as a permanent supply with properly laid C.I. pipes buried in the ground, in which case, would the pipes and the jointing materials be procured, the work would probably take several months depending on the amount of labour employed and attention given to the scheme. To make full use of the supply a service reservoir of some 700 M.C. capacity situated near the town would also be required.

A.G.A. SAUL Capt.
A.M.G. P.U. Field Eng.
AREZZO

Declassified E.O. 12356 Section 3.3/NND No. 785019

Copy

HEDAQUARTERS
ALLIED MILITARY GOVERNMENT
TOSCANA REGION
PUBLIC WORKS & UTILITIES DIVISION

RVIII/100/FIR/4 6 April 45

SUBJECT : Water Supply - San Giovanni Valdarno -

TO : Regional Engineer.

1. I met Capt. Saul with the Provincial Engineer at S. Giovanni today. (Capt. Saul's report of 29 March only reached this office today & was not seen by me until my return).

2. The normal supply is entirely from private wells, about 7 metres deep. This supply is stated to be always adequate as regards quantity (no figures available) but has previously been unsatisfactory as regards quality. There have been previous outbreaks of typhoid. The present epidemic is supposed to be due to flooding from the ARNO last year, which carried pollution from cesspools etc. into the water bearing strata. The population is about 9000; there were 146 typhoid patients in hospital on 31 March, and 110 on 5 April. There have been 11 deaths, but the situation is considered to be improving steadily.

3. As stated in para 5 of Capt. Saul's report, the supplies are being chlorinated at public fountains, and sterilizing powder is distributed to individuals for use with private supplies.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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3. As stated in para 5 of Capt. Saul's report, the supplies are being chlorinated at public fountains, and sterilizing powder is distributed to individuals for use with private supplies.

4. According to the Engineer, the question of a piped supply from another source was considered at least 20 years ago. The deep wells only produce an unpotable water, and the nearest adequate potable supply was found to be at M.R. 950390. The supply has been measured over a considerable period and the minimum yield (October) found to be 10 litres/second which would supply 21 gallons per head per 24 hours. Work in the intake, a series of wells joined by an underground gallery, was started some years ago, and this intake would be available for use after clearing. We visited the site, but the wells are covered over and could not be examined. The outlet from the gallery was found, and the supply appears good.

5. The source is 177 metres above S.Giovanni, but as it lies in a valley the pipe line would have to follow the line of the stream for some distance, and the total length would be 7800 metres with no possibility of

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Declassified E.O. 12356 Section 3.3/NND No. 785019

any appreciable reduction in length. Access to the upper 2000 metres is by foot path only, though small carts might be able to approach to carry pipes to site. Access for the remainder of the line is quite good, though steep in places.

6. The hydraulic gradient of a 4" pipe passing 10 litres/second (=132 gallons/minute) is about 1 in 50, so that friction losses with this flow over 7800 metres would be 156 metres i.e. a 4" pipe is quite adequate. A service reservoir would be required above the town, and would also provide a means of reducing static head in the town supply.

7. There is considerable unemployment in S.Giovanni and unskilled labour is readily available but would need transporting to site.

8. Summary. (a) The present method of chlorinating the supply from public foundations appears adequate, but the private chlorination does not appear very satisfactoty in view of the lack of supervision. It is suggested that the provision of more tanks,or barrels, to give a total storage of up to 30.000 litres(6.600 gallons ~~per head~~) from supplies which can be chlorinated by the local medical authorities, and closing of all other wells, would be the simplest, quickest, and cheapest solution to the present problem. The tanks offered by 55 Area might be scraped and painted internally and put into use.
The figure of 30.000 litres is based on a daily consumption of 40 litres per head over 12 hours, the tanks being in pairs asnbefore to allow at least one hour's storage after chlorination. This will probabli involve considerable use of private wells as public supplies, but appearsbto be the only means of ensuring adequate chlorination.

(b) If a new supply of water be considered essential (and it has been apparently shelved for a long period) the source mentioned in para 5 appears the best supply. (Montevarchi has very little water to spare, and the saving of 3.000 metres of pipe would be offset by the need for the pumping plant). The necessary

Declassified E.O. 12356 Section 3.3/NND No. 785019

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Since no adequate storage reservoir exists, a small break pressure tank above the town would be necessary to avoid excessive pressure at public stand-pipes.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

This scheme would presumably be of a temporary nature only, either until the present epidemic ceases, or until a permanent piped supply from the same source, which could take about 2-3 months to lay, could be completed; A service reservoir could be constructed later when the authorities decide to lay a distribution system in tha town.

J.W.PERKINS
Capt. R.E.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Yih062

56

AMG TOSCANA REGION

5087 9 APRIL 45 ROUTINE

RESTRICTED PD

SUBJECT IS WATER PD

PAREN TO AMG TOSCANA FOR REGIONAL ENGINEER FROM HQ ALCOM CITE ACPWU PAREN

PARA ONE PD PLEASE FORWARD REPORT ON WATER PROBLEM SAN GIOVANNI VALDARNO AS REQUESTED BY TELEPHONE THIS HEADQUARTERS

PUBLIC WORKS

339

2537

HEADQUARTERS
TOSCANA REGION
ALLIED MILITARY GOVERNMENT

55

File Ref: RVIII/100/TIR/4/4

Date: 30 March 1945

SUBJECT : PRATO Water Supply.

TO : : S.C.A.C. 5 Army A.M.G.
(attn. Colonel Parr R.A.M.C.
Senior Public Health Officer)

RECEIVED
P.W. & U. S/C A.C.
-2 APR 1945 063 0478

1. With reference to our recent conversations, enclosed find a copy of a general report on the above dated 2 March 45. This gives details of the position also of the work necessary to provide an adequate supply.

2. Regarding the recommendation given in para 7. Page 5. the present situation is as follows :

Para 7 (a) The pipeline from the CARTEANO spring is completed and is now feeding into the town supply.

Para 7 (b) Held in obeyance.

Para 7 (c) Military Railway Service have approved of the proposal and are co-operating with our Engineer Officer. Materials are being obtained and work has commenced. It is hoped that it will be possible to complete by end of June 1945 but this is dependent on the progress in railway constructional works and other matters outside our control. Steps have been taken to establish a civilian resident engineer on the job which is also under the direct supervision of an officer of this Division.

T.S.L.LEE
Lt. Col. R.E.
Regional Engineer

Copy to :
Public Works & Utilities Sub-Commission A.C. ✓
(attn. Lt. Col. Thompson)

Regional Commissioner Toscana Region.

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Regional Commissioner Tuscania Region.

Col Thompson
EPOS 2/4

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HEADQUARTERS
ALLIED MILITARY GOVERNMENT
TOSCANA REGION
PUBLIC WORKS & UTILITIES DIVISION

RVIII/100/PWU/15 2 March 45

SUBJECT : PRATO Water Supply.

TO : Regional Engineer

1. General. At present the town obteins its supply from a series of wells, the pumps being operating by eletric motors, power for which is only available some 8-10 hours daily, and from the "Carteano" spring. Army Units also draw from the "Macelli" well, 405 Engr. Bn who operate the water point report that this draw off (about 66.000 gallons daily) is not at present affecting the level in the well. Should it become evident that this army draw off is drecreasing the amount available for civilian use, 405 E. will sink their own wells away from the town supply.

The present daily supply is about 117.000 gallons from wells directed to houses, but a very low pressure, and 228.000 gallons (12 litres/second) from Carteano to public fountains, see Capt. HODGES report of 23-12-44).

This supply is adequate at present, but the Carteano spring falls off to about 6 litres/sec. in normal summer (August-September) and has been recorded as low as 2.4 litres/sec. The wells fall off by about half their present capacity but a 24 hours supply of electricity could counter this. The Engineers of the Aziends dell'Acquedotto have drawn up a report on the present state of, and necessary repairs to, the DIRETTISSIMA pipe line which previously supplied the district from springs in the Appennine tunnel on the Firenze - Bologna railway. This report has been examined following a reconnaisanse by a Public Works Officer and the salient points are incorporated in this report, amended where necessary as a result of the reconnaisanse.

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The Engineer has been instructed to prepare a draft estimate for the repairs (for examination by P.W. . as soon as possible) and to give priority to the bridges. H.Q., R.C.E. (S.A.E.C.) have agreed to inspect his proposals for cross his final designs so that this part of the work can be carried out before the railway in in use.

2. TEMPORARY IMPROVEMENT. The Carteano spring outside the town is at present capable of delivering about 3 times as much water as is reaching the public fountains through an existing pipe. It is proposed to lay 400 metres of 6" pipe from Carteano to the nearest point on the lower part of the Direttissima pipeline, and to deliver the full

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capacity of this spring to the town under adequate pressure.

Fifth Army have been asked to supply the pipe and jointing materials, and the local engineer has the necessary fittings to connect up to the main.

This will improve the water supply for the next 3 months, or longer depending on the March - April rain-fall, by delivering originally about 600.000 extra gallon of chlorinated water to the house services. It will be necessary however to find other means of supply by July.

3. GORONE supply. The firm of Luder submitted a detailed proposal on 16 Feb. 45 for pumping a supply of 950.000 gallons daily from wells to be driven in the GORONE canal, but this invols very considerable work including construction of filtration plant, and would not be justified as a temporary expedient unless it is impossible to reinstate the Direttissima supply by July.

4. DIRETTISSIMA Pipeline. Starting from the source, the damage to be repaired is as follows. Generally it has been impossible to do more than estimate the actual length of pipe damaged, but it is believed that the figures given in appendix are on the pessimistic side.

(a) Tunnel 15 (Appennine Tunnel). Approximately 1000 ft. at the entrance to the tunnel has been completely destroyed. Entrance is possible through a side shaft beyond the damage, and inspection has been made up to the furthest source (11 Km. in tunnel). The new portion of the tunnel will be single line only, but R.C.E. have confirmed verbally that the clearance between track and tunnel side will be the same as in the original tunnel so that the new pipe can be laid at the East side of the tunnel. It will not be possible to relay in the space between new and old tunnel. 62 Tunnelling Coy report that so far all pipe recovered has been smashed (C.I. pipe is in use here). The stream is running out through brick lined channels under the track and could be tapped at tunnel-

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Pipe between tunnel mouth and bridge 13 probably destroyed, as ground here very badly cut up by tunneling work.

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(b) Bridge 13 New single track, N truss, single span, 80'. Old pipe offset about 10m. East of new bridge. Ends of pipe visible either side of gap. New pipe to be slung from bridge.

(c) Vernio station. Bomb damage has probably destroyed about 50 m. of pipe.

(d) Tunnel 14. Both ends completely destroyed. S. now under repair and open, N. not yet open, but should be through shortly.

(e) Bridge 12. New single line bridge 150' span. Ends of C.I. pipe visible offset about 10 m. E. of bridge. New pipe tobe slung from bridge.

(f) Tunnel 13. About 100 m. at each end destroyed. S. end open and N. end to be opened soon.

(g) Bridge 11. Railway deviates round gap. Pipe to be relaid along deviation. Pipeline left original railway south of the bridge and it suspected that bulldozers may have damaged pipe at this point.

(h) Tunnel 12. (blocked) Pipe follows old construction line, now the new railway. There is a definite break to be seem at one point (Km. 34.8) and allowance has been made for repairs here. Ground has been badly cut up by bull-dozers, but extent of damage cannot be seen. It may only be slight. The pipe here is Bonni (steel and concrete) in place of C.I., and no more C.I. has been noted South of this place.

(i) Tunnel 11 (blocked) Again the pipeline follows the deviation now to be used by the ralway, and allowance has to be made for possible damage.

(j) Tunnel 10 Complete demolition. Tests by Luder prove that there is a break in the pipe, but the extent of damage is unknown. As tunnel is not to be reopened it is proposed to lay pipe round the deviation.

(k) Bridge 7 & 8. Pipe follows old construction line and avoids the bridges, but work on widening this deviation has certainly damaged the pipe. Engineer thinks the whole length destroyed, and O.C. 38 R.C.C. confirms that it was damaged badly in a number of places. It is at present intended to reconstruct the two bridges, but the alternative use of [illegible] may be yet be adopted. In any case the pipe

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New pipe to be slung from bridge.

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(l) Tunnel 9. Pipe by-passes tunnel and appears undamaged. Tunnel reopened for single line.

(m) Tunnel 8. Tunnel has been opened, at least 30 m. at N. end damaged, but remainder of pipe may be in good order. (Engineer is more pessimistic and thinks it all damaged).

(n) Bridge 6., and approaches. Whole length of pipe between tunnels 7 and 8 certainly completely destroyed. New pipe to be slung from bridge.

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(o) Tunnel 7 Whole of East side damaged. Portions of broken pipe seen in debris still covering pipeline. This entire length must be regarded as destroyed.

(p) Bridge 5.3 span R.S.J. (25'-50'-25'). Ends of old pipe visible about 15 M. East. New pipe to be slung from bridge.

(q) Tunnel 6. About 100 m. at either end damaged. Tunnel now open.

(r) Bridge 4. - Tunnel 5. Tunnel completely demolished and tests show pipe to be broken inside. Will relay along new deviation and over bridge.

(s) Deviation 5. Pipe again in old construction line, now the track, and may be damaged, but no traces of broken pieces seen on site. Probably not serious damage, but some minor repairs almost certainly required.

(t) Tunnel 4. Both ends open, still working on masonry at N. A wrecked train and a mass of debris over pipe in S. end of tunnel. If pipe broken under this, repairs will be very difficult, R.C.C. are removing some of the wreckage. A test of this stretch should be made at an early date.

(u) Tunnel 3. S. end open, N. end still blocked and will probably take 6 weeks to clear. Pipe in center apparently undamaged, but almost certainly crushed at each end.

(v) Tunnel 2. This is completely destroyed at each end and tests have shown the pipe to be broken inside. The railway follows a long deviation, with a new tunnel. The pipe can be laid over the drain on the East of the deviation except at the new tunnel where it must cross the rail to use an old road tunnel to the West. In view of the fact that to construct a deviation would require at least 1100 m. of new pipe, it appears weel worth attempting to enter the tunnel. R.C.C. state that at one point it would be possible to enter the tunnel with a shaft 60 Ft. long, at a slope of 30°. It is recommended that this be done to enable an inspection to be made. Should it be found impossible to drive small shafts through the debris at each end of the tunnel and repair the damaged portion, the undamaged pipe could be lifted and removed through the 60 ft. shaft for use on the deviation, thus recover-

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(w) Bridge 1. The pipeline followed a track East of the railway and crossed a masonry bridge, now destroyed, of 2 spans of about 15 m. and about 15 m. high. In addition to destroying the bridge, the enemy cratered the track at each end. It is proposed to divert the pipeline to the new bridge.

(x) Tunnel 1. The pipe follows a track round the tunnel, but has been destroyed where it crossed the mouths. Repairs can be made along the original line. From this point onwards the pipeline appears to be undamaged.

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5. Access. Generally access to tunnel mouths, deviations, etc. are fairly good, through probably difficult in wet weather. The gradients are steep in places, but military vehicles would have no difficulty in negotiating these tracks with a full load. It would be impossible for Italian civilian vehicles, in most cases, to deliver heavy materials on site.
Delivery of pipes along the railway line, particularly in tunnels, will be most easily carried out by hand trolleys running on the rails, and the Engineer has been instructed to obtain the loan of several trolleys from the Italian railway authorities.

6. Pressure. The static pressure on the line is stated to have been 15 atmopheres (220 lbs/sq.ins.).and the working pressure 10 atmospheres (147 lbs/sq.ins.). A pressure reducing valve was used at one point and it is reported to be in good order. A copy of the vertical section of this line showing pressures and levels, with details of pipes is being prepared by the Azienda dell'Acquedotto. It will probably be possible to use thinner pipe on the upper section of the line, if available.

7. Recommendation. After considering the points noted above, it is recommended that :

(a) The temporary pipeline for the Carteano spring be laid to improve the Prato supply for the next four months.

(b) The "Garone" scheme be held in obejance, as an emergency supply should it prove impossible to reinstate the Direttissima supply in time.

(c) The repair of the Direttissima over all bridges be started as soon as R.C.E. have approved the proposal. This work can be estimated quite accurately and should be prepared on a separate project. Army assistence would be required for delivery of pipes and specials to sites. The smaller materials, iron for pipe brackets etc., can be delivered by civilian transport. With intelligent

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(d) An access shaft be sunk (either by contract or direct labour) into tunnel 2 at the point indicated by R.C.E. the examine possibilities of either reopening the pipe-line, or recovering the undamaged pipe.

(e) Projects be prepared for repair of those parts of the pipeline, such as near tunnel 1, where the amount of work to be done can be estimated with sufficient accurancy at present. Again Army assistance in delivering pipe required. This work again to be a separate contract/

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(f) A reliable firm (Luder ?) be authorized to start immediately examining all remaining portions of the line. This to include excavation of pipe at tunnel mouths etc. where the extent of the damage is unknown, as well as pressure tests of apparently undamaged lengths. Again the work must be carried out at as many points as possible simultaneously. On completion of this work the amount of new pipe required, old pipe recoverable, etc., can be calculated with sufficient accurancy to enable a contract to be drawn up for the remainder of the work, excluding tunnel 15.

(g) The 3 m break in Tunnel 15 can be repaired at any time by direct labour. The remainder of the work in this tunnel, which must wait until reconstruction work has finished, could be a separate contract, the essence of which will be speed. The actual laying is a straight forward business; Enclosing the main in a masonry or concrete culvert, which is desirable to prevent damage to permanent way if pipe leaks, can be completed after the pipeline is in use.

8. Time for completion. Provided work is carried out with intelligence and energy, it should be possible to complete the repairs in 3 months from date of delivery of pipes, or say by the end of June. Continual supervision will be essential, to ensure that work is being carried out simultaneously at as many points as possible, and particularly to organise delivery of pipes, unloading parties, and to cooperate with R.C.E.

J.W. PERKINS
Capt. R.E.

Enclosures :

Appendix A. Estimated requirements
Plan of Direttissima Pipeline 1 in 10.000.

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Capt. R.E.

Enclosures :

Appendix A. Estimated requirements
Plan of Direttissima Pipeline 1 in 10.000.

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APPENDIX A

ESTIMATE REQUIREMENTS OF MATERIALS FOR REPAIR OF DIRETTISSIMA PIPELINE

Note (1) It is assumed that all pipe of 350 m.m. diameter is available. Other sizes can be used, provided suitable reducers are supplied, with specials of appropriate sizes.

(2) Each pipe is assumed complete with socket or separate coupling.

(3) Lengths are based on amounts suspected to be destroyed, and do not allow for recovery of existing pipes except where such can be seen to be in good condition.

(4) Bends are assumed 1/8. 1/4 or 1/16 bends could be used instead in several places.

SITE	PIPE 350 m.m.	BENDS 1/8	COUPLINGS extra	REMARKS
Tunnel 15	400 m	2 N°	2	
Bridge N° 13	260	9	8	Short lengths suitable at ends of bridge
Vernio Station	50	–	2	
Tunnel 14	150	–	2	
Bridge n° 12	60	4	2	
Tunnel 13	200	–	2	
Bridge n° 11	80	4	3	
Tunnel 12	60	–	2	
Tunnel 11	70	–	3	
Tunnel 10	120	4	4	
Deviation 2	400	4	12	
Tunnel 8	50	–	3	
Bridge N° 6	110	4	4	
Tunnel 7	135	–	3	
Bridge N° 5	70	4	3	
Tunnel 6	215	–	3	
Tunnel 5 Br 4	190	4	6	
Deviation 5	20	–	1	
Tunnel 4	200			

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and do not allow for recovery of existing pipes except where such can be seen to be in good condition.

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SITE	PIPE 350 m.m.	BENDS 1/8	COUPLINGS extra	REMARKS
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Tunnel 14	150	–	2	
Bridge n° 12	60	4	2	
Tunnel 13	200	–	2	
Bridge n° 11	80	4	3	
Tunnel 12	60	–	2	
Tunnel 11	70	–	3	
Tunnel 10	120	4	4	
Deviation 2	400	4	12	
Tunnel 8	50	–	3	
Bridge N° 6	110	4	4	
Tunnel 7	135	–	3	
Bridge N° 5	70	4	3	
Tunnel 6	215	–	3	
Tunnel 5 Br 4	190	4	6	
Deviation 5	20	–	1	
Tunnel 4	200	–	6	Wrecked train over pipeline
Tunnel 3	400	–	5	May be pessimistic
Bridge 1	500	4	12	T also required 100 m could be of 250 mm with appropriate reducers
Tunnel 1	50	–	2	
	3785	43	90	

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In addition to above, the Mereto tunnel, Tunnel 2, will require at least 250 m. of pipe, 4 bends, and 4 couplings if the original line is followed.

Should it prove impossible to repair the pipe in the tunnel, to lay round the deviation will require 1400 m. of pipe (of which 700 m. may be recovered from the tunnel) about 20 bends, and 20 couplings. By cutting and welding steel pipe; the number of bends and couplings may be reduced and this would provide a more satisfactory job, as pipe must follows the foot of the slope very closely.

Quantities of lead, cement etc. depend on the nature and size of pipe supplied.

Estimated maximum requirements, assuming Tunnel 2 not reopened.

Pipe 350 m. (or available sizes)	4485	metres
Bends 1/8 m.	53	
1/16	10	
Couplings, extra	110	
T. 350x350 or 350x250	1	
Lead	8000	Kg.
Yarn or terred rope	750	Kg.
Cement	400	quintals
Oxygem	840	m.c.
Acetylene	420	m.c.

Details of angle iron etc. for bridge crossings will be available shortly.-

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Tel.48908 1.Ext.339

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

File RWS/rlv 54

062/PWU

29 March 1945

subject: Water Supply - Island of Ischia - Naples

To : Naval Officer in Charge of Works Northern Area, Mediterranean.

(41)

Reference your letter 979/45 dated 19 Feb.45.

1. The Ministry of Public Works was requested to give the Ischia situation urgent attention and to render a report on corrective action taken. Attached for your information is a copy of report just received from the Ministry, (33) which indicates that the Commune is proceeding with necessary work.

For the Chief Commissioner:

V.S.THOMPSON
Lt.Col. R.C.E.
Chief, Public Wks.Div.

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MINISTERO DEI LAVORI PUBBLICI
ISPETTORATO SUPERIORE DEL GENIO CIVILE
CON SEDE IN NAPOLI

N. 194

Risposta al foglio del 27/2/1945
Div. N.° 2585
Allegati N.°

Mod. CP. 4

Napoli, addì 18 Marzo 1945

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Al 1a DIREZIONE GENERALE DEI SERVIZI TECNICI
MINISTERO DEI LAVORI PUBBLICI
R O M A

RECEIVED
P.W. & U. S/C A.C.
29 MAR 1945 062

OGGETTO LAVORI AI SERBATOI DI RISERVA DI ACCUA POTABILE NELL'ISOLA D'ISCHIA -

E S P R E S S O

Ufficio Tecnico
26 MAR 1945
3593

In risposta al telegramma n.2585 di codesta Direzione Generale, si può comunicare che i lavori in oggetto riguardano quanto segue :

I°) Serbatoio della sorgente Fontana in Casamicciola della capacità di mc. 20:devesi ricostruire integralmente ed in altro sito poco lontano.

Frattanto al fine di ottenere il rifornimento d'acqua ai Reparti Alleati ed alla popolazione civile nel più breve tempo possibile, si porrà subito in funzione provvisoria altra grande cisterna viciniore da riempire con acqua della fontana che vi verrà pompata.

2°) Serbatoio S.Pietro ad Ischia della capacità di mc. 600, seminterrato.per sconnettimento del tetto e lesioni alle pareti vi si raccoglie solo poca quantità di acqua piovana.

2526

./.

Si prega trattare per ogni lettera un solo argomento, e indicare nella risposta il N. di Protocollo a cui si risponde.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Si devono sarcire le lesioni, riparare il tetto ed impermeabilizzare la parte superiore delle pareti e devesi rinforzare con speroni le parti fuori terra. Vi si conserverà l'acqua delle sorgenti Buceto.

Serbatoio dello Spirito Santo a Ponte d'Ischia della capacità di circa mc.700, costituito da due vasche non comunicanti.

Necessita sarcire le lesioni della parte superiore delle pareti, impermeabilizzarle e forare il tramezzo di divisione.

Pei suddetti lavori si è fatto redigere dal Comune di Ischia la perizia dell'importo complessivo di L.300.000,oo che inoltrata a questo Provveditorato per l'approvazione ed il finanziamento, avrà effettuazione col conto della somma urgenza a norma dello art.70 del Regolamento 25 Maggio 1895 n.350, dato che detti serbatoi debbono essere riempiti prima di aprile, epoca in cui le già scarse sorgenti inizieranno le magre.

Si è autorizzato il Comune ad eseguire i lavori sotto la sorveglianza del Genio Civile Idrografico.

IL PROVVEDITORE REGIONALE

TRANSLATION

By FR/fr

March 18th. 1945

Subject : Works to drinking water emergency reservoirs in the island of Ischia.

Reference cable No. 2585 from this General Direction, we inform you that the above mentioned works are the following :

I) Reservoir of the spring Fontana in Casamicciola, the capacity of which is 20 cu. m.: it must be entirely rebuilt in a near place.

Meanwhile, in order to supply water to Allied Forces and civilians as soon as possible, a nearer reservoir will be put immediately in working order and will be filled with water pumped from Fontana.

2) S. Pietro reservoir at Ischia, the capadity of which is 600 cu. m. half below ground level. Owing to the disruption of the roof and cracks in the walls, only a small quantity of rain water can be collected in there.

The cracks and the roof must be repaired, the upper part of the wall water-proved, the parts above the ground level strenghtened with abutements.The water from Buceto spring will be collected there.

3) Spirito Santo reservoir at Ponte d' Ischia, the capacity of which is about 700 cu. m. , composed of two basins not in communication.

The cracks in the upper part of the walls have to be repaired and water-proved and the partition pierced.

For said works the Commune of Ischia has prepared an estimate amounting to Lire 300,000, which, forwarded to this Provveditorato for approval and financing, will be carried out

Declassified E.O. 12356 Section 3.3/NND No. 785019

that the above mentioned works are the following :

I) Reservoir of the spring Fontana in Casamicciola, the capacity of which is 20 cu. m.: it must be entirely rebuilt in a near place.

Meanwhile, in order to supply water to Allied Forces and civilians as soon as possible, a nearer reservoir will be put immediately in working order and will be filled with water pumped from Fontana.

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3) Spirito Santo reservoir at Ponte d' Ischia, the capacity of which is about 700 cu. m. , composed of two basins not in communication.

The cracks in the upper part of the walls have to be repaired and water-proved and the partition pierced.

For said works the Commune of Ischia has prepared an estimate amounting to Lire 300,000, which, forwarded to this Provveditorato for approval and financing, will be carried out with the utmost urgency, as per Art. 70 of the Regulation dated May, 25th 1895, No. 350. These reservoirs must be filled before April, as at this time the already poor springs will begin their minimum flow period.

The Commune has been authorized to carry out works under the supervision of the Genio Civile Idrografico.

The General Purveyor

(Sgd.) Vugliese

2525

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

Translation attached 52

SCUOLA MEDIA
ROMA
VIA DEGLI ASTALLI N. 19

Roma 22 Marzo 1945

Captain

RECEIVED
P.W. & U. S/C A.C.
24 MAR 1945 062

[redacted]

REGION IV.

Lt Col Thompson
Rq. 24/3

da più di un mese in questa Scuola Media manca l'acqua. E' facile arguire gli incovenienti che ne derivano, quando si consideri che l'istituto è frequentato da circa cinquecento alunni con un orario che dalle otto del mattino si protrae oltre le diciassette. Inoltre potrebbero verificarsi gravi inconvenienti con l'approssimarsi della stagione estiva. Le autorità italiane, rinetutamente interessate non hanno ancora provveduto, e spero che col suo intervento si riesca ad ottenere quanto si richiede.

2524

IL PRESIDE

25

Declassified E.O. 12356 Section 3.3/NND No. 785019

C TRANSLATION

By : CT/ct

SCUOLA MEDIA
(High School -)
19, Via degli Astalli

22 March 1945

Water is lacking in this High School since more than one month. You can easily imagin the inconvenience arising from this lack, considering that the Institute is atteneded by nearly five hundred pupils. School hours are from 0800 to 1700. Other serious inconvenience could be caused by the summer season. The Italian authority, repeatedly informed of this, has not taken any action, and we hope that your assistance can help us in obtaining what we request.

THE DIRECTOR 2523

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51

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P.W. & U. S/C A.C.
22 MAR 1945 062

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

DMG/cpn

March 19, 1945
205/8

SUBJECT: Water Pump.

TO : P.W. & U. Subcommission, Allied Commission.

1. One pump capable of pumping 1 liter per second against a 200 meter head is desired urgently for repairs to Loiano water system, or two pumps with same delivery against 100 meter head will serve.

2. It is proposed to drive the pump by a farm tractor until such time as motors and power are available.

3. Please advise if available, and where.

For the Commanding General:

D.M. GAITHER,
Major, CMP,
Engineer Officer,
AMG Fifth Army.

Copy to: HQ, Alcom for Industry S/C.

122

Declassified E.O. 12356 Section 3.3/NND No. T85019

50

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

LRS/312/100

Postal Address:
AFLRS, RAAC, CMF.

Telephone: ROME 66275

SUBJECT : Water Supply.

20 March 1945

TO : HQ. A.C.
Public Works & Utilities
Sub-Commission.
(Attention: Lt. Col. W.M. Lapper)

RECEIVED
P.W. & U. S/C A.C.
22 MAR 1945
062

1. As arranged at the meeting of the Electric Power Committee held this morning, enclosed herewith is a copy of letter received from C.E. 1 District on the operation of the main water pumping system in the Ancona District.

S. J. B. Louden, Major, DAQMG,
for Chief of Section (Br)
A.F.L.R.S.

Lt Col Lapper

R.A. 21/3

ENCLOSED : (1).

22/3

Major Hyland discussed with Capt. Brownlee by telephone today - Requesting Memo Civile to make Engineering Report 12521 -

R.W.S.

Declassified E.O. 12356 Section 3.3/NND No. 785019

50A

Subject:- Water Supply - ANCONA.

A.F.L.R.S., RAAC.

C.E. No 1 District.
No. 166 C.E. Works.
C.E 3121.
15 Mar '45.

Reference the operation of the 50 cycle system at 45 cycles.

It is reported that the operation of the main water pumping system in the ANCONA district is unsatisfactory, because of the lowered output of the pumping sets at the reduced speed.

At present it is possible to cope with the demand by operating three pumps instead of two at the main pumping station, and by running two booster pumps which were originally installed as a temporary measure during the initial emergency period.

As the water demand will increase during the summer months, it is anticipated that it may become essential to run these pumps at 50 cycles; it is possible to run this pumping station from a local station independently of the grid, but it will cause a considerable amount of trouble to have two frequencies in this area.

WR/FJC.

/s/ W. Rivett, Major C.E.
for Brig.
C.E.

2520

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P.W. & U. S/C A.C.
16 MAR 1945 062

PWW 3/c

49

HEADQUARTERS ALLIED COMMISSION
APO 394
Office of the Executive Commissioner

Ref. 5409/11/EC.

Tel. 451

14 March 1945

SUBJECT: Water Supply to San Giovanni Valdarno.
Arezzo Province.

TO : Economic Section for
Public Works and Utilities S/C.

1. Confirming telephone conversations yesterday (Lt. Col. J.B. Thompson, Capt. Shepherd and Major Rively) and since the A/President will be away from HQ for several days, it is recommended that the reply to his inquiry regarding the above subject be supplemented with an engineering report from the Regional Engineer of Toscana Region.

2. May this be expedited please?

57

Joseph C. Rively major
A/Chief Staff Officer,
To Executive Commissioner

2519

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U.S/C.A.C.
11 MAR 1945 062

RESTRICTED

48

AG 601 1st Ind. (EN-5-9)
HEADQUARTERS, AAF SERVICE COMMAND, MTO, APO 528, 5 March 1945.

TO: Director, Public Works and Utilities Sub-Commission, Hq, Allied Commission, APO 394 (Attn: Col. L. A. Jenny).

1. Contents of basic communication noted. 42

2. As this is in an area which has been turned back to the Italian government, it is recommended that the matter be settled between the Alfa Romeo Company, the water company, the civilian Italian director of water, and a representative of the Allied Commission. This headquarters has no record of the amount of water consumed by units which at various times have been stationed at Pomigliano.

FOR THE COMMANDING GENERAL:

Lt Col Rappenhurst
Leg 12/3

John R. Rice
JOHN R. RICE,
Captain, AGD,
Asst Adj Gen.

Fr Eng. Asta-
Spare copies of
correspondence relating to
this subject are attached
to the cover of this Folder,
it is suggested that Municip
Pomigliano attempt to settle
this dispute. H J R

2518

AAFSC/MTO
M D R-20209

RESTRICTED

RECEIVED
P.W. & U. S/C A.C.
5 MAR 1945
062

PWS

PIEMONTE REGION A.M.G.
Rear Headquarters
Engineering Division

HWW/EM 47

3 Mar 45

Ref. : 4/Pie/Eng/WS
Subject : Information regarding water supplies and sewerage: Le Tre Venezie.
To : Regional Engineer, HQ. ~~Le Tre~~ Venezia Region A.M.G.

1. The enclosed literature, relating to the water supplies and sewerage systems in your Region, has been taken from an authoritative work, published as recently as 1940, entitled "Acquedotti e Fognatura: Vol. 1 - Parte Descrittiva, Italia Settentrionale", which covers the Regions of Piemonte, Liguria, Lombardia, Emilia and Le Tre Venezie. As we are concerned only with the two Regions first mentioned, we have detached and bound the other portions separately and are passing them to the appropriate Regional Engineers, in the confident belief that the information will be very useful to those Officers if they do not already possess copies.

2. Incidentally, a copy of this publication is also kept in the Central Reference Library at Headquarters A.C.

For Lt. Col. C.R. BIRCHETT, C.E.,
Regional Engineer,

Declassified E.O. 12356 Section 3.3/NND No. 785019

Ref. : 4/Pie/Eng/VS
Subject : Information regarding water supplies and sewerage: Le Tre Venezie.
To : Regional Engineer, HQ. ~~Piemonte~~ Venezia Region
A.M.G.

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For Lt. Col. C.R. BIRCHETT, C.E.,
Regional Engineer,

H.W. WESTWOOD
Major, R.E.

2517
2516

Copy to Regional Engineer, HQ. Piemonte Region, A.M.G.
" " P.W.B. Sub Commission, HQ. Allied Commission.

Lt Col Thompson
Please note & file
Thx 6/3

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & O. S/C A.C.
5 MAR 1945 062

PIEDMONTE REGION A.M.G.
Rear Headquarters
Engineering Division

Ref. : A/Pie/Eng/WS

3 Mar 45

Subject : Information regarding water supplies and sewerage: Emilia.

To : Regional Engineer, HQ. Emilia Region A.M.G.
~~Lombardia Region, A.M.G.~~
~~Venezia Region, A.M.G.~~

1. The enclosed literature, relating to the water supplies and sewerage systems in your Region, has been taken from an authoritative work, published as recently as 1940, entitled "Acquedotti e Fognature : Vol. 1 - Parte Descrittiva, Italie Settentrionale", which covers the Regions of Piemonte, Liguria, Lombardia, Emilia and Le Tre Venezie. As we are concerned only with the two Regions first mentioned, we have detached and bound the other portions separately and are passing them to the appropriate Regional Engineers, in the confident belief that the information will be very useful to these officers if they do not already possess copies.

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For Lt. Col. C.R. BIRCHETT, C.B.E.,
Regional Engineer,

H.W. WESTWOOD,
Major, R.E.

2516

Copy to Regional Engineer, HQ. Piemonte Region, A.M.G.
" " Venezia Region, A.M.G.
" " Lombardia Region, A.M.G.
" " Allied Commission.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Ref. : A/Pio/Eng/MS

Subject : Information regarding water supplies and sewerage; Emilia.

To : Regional Engineer, HQ. Emilia Region A.M.G.
~~Lombardia Region, A.M.G.~~
~~Venezia Region, A.M.G.~~

1. The enclosed literature, relating to the water supplies and sewerage systems in your Region, has been taken from an authoritative work, published as recently as 1940, entitled "Acquedotti e Fognature : Vol. 1 - Parte Descrittiva, Italia Settentrionale", which covers the Regions of Piemonte, Liguria, Lombardia, Emilia and Le Tre Venezie. As we are concerned only with the two Regions first mentioned, we have detached and bound the other portions separately and are passing them to the appropriate Regional Engineers, in the confident belief that the information will be very useful to those officers if they do not already possess copies.

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for Lt. Col. C.R. BIRCHETT, O.B.E.,
Regional Engineer,

H.W. WEST COD,
Major, R.E.

2516

Copy to Regional Engineer, HQ. Piemonte Region, A.M.G.
" " P.W.B. U. Sub Commission, HQ. Allied Commission.

Lt Col Thompson
Returned to file
Feb 24/3

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P.W. & U.S/C.A.O.
5 MAR 1945 062

PIEDMONTE REGION A.M.G.
Rear Headquarters
Engineering Division

RPW/RR

5 Mar 45

Ref. : 4/Pie/ Eng/WW
Subject : Information regarding water supplies and sewerage: Lombardia.
To : Regional Engineer, HQ. Lombardia Region A.M.G.

1. The enclosed literature, relating to the water supplies and sewerage systems in your Region, has been taken from an authoritative work, published as recently as 1940, entitled "Acquedotti e Fognature: Vol. 1 - Parte Descrittiva, Italia Settentrionale", which covers the Regions of Piemonte, Liguria, Lombardia, Emilia and Le Tre Venezie. As we are concerned only with the two Regions first mentioned, we have detached and bound the other portions separately and are passing them to the appropriate Regional Engineers, in the confident belief that the information will be very useful to those Officers if they do not already possess copies.

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For Lt. Col.C.R. BIRCHETT, C.E.,
Regional Engineer,

W.W. WESTWOOD, 2515
Major, R.E.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Ref. : A/Pie/ Eng/WS
Subject : Information regarding water supplies and sewerage: Lombardia.
To : Regional Engineer, HQ. Lombardia Region A.M.G.

1. The enclosed literature, relating to the water supplies and sewerage systems in your Region, has been taken from an authoritative work, published as recently as 1940, entitled "Acquedotti e Fognature: Vol. 1 - Parte Descrittiva, Italia Settentrionale", which covers the Regions of Piemonte, Liguria, Lombardia, Emilia and Le Tre Venezie. As we are concerned only with the two Regions first mentioned, we have detached and bound the other portions separately and are passing them to the appropriate Regional Engineers, in the confident belief that the information will be very useful to those Officers if they do not already possess copies.

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For Lt. Col.C.R. BIRCHETT, O.B.,
Regional Engineer,

H.W. WESTWOOD, 2515
Major, R.E.

Copy to Regional Engineer, HQ. Piemonte Region, A.M.G.
" " P.W.& U. Sub Commission, HQ. Allied Commission

Capt C.L. Thompson
Pls note + file
Dft 6/3

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
5 MAR 1945 062

46

3 March 1945

From: Navy Sub-Commission, Hq. Allied Commission.
To : Public Health Sub-Commission, Hq. AC.

Subject: Supply of Chlorine to Maddalena.

1. With reference to the Public Works and Utilities Sub-Commission's letter No. 062/PWU/ of 2 March 1945, the British and Italian Naval authorities at Maddalena have reported that the situation as regards Chlorination of water supplies is now very serious and will shortly become critical.

2. It is requested that very early action may be taken to arrange supply. The Ministry of Marine understands that chlorine gas is available at Forrie Paper Works and asks that a first delivery of 120 kgs may be sent by air to Cagliari for onward transmission to Maddalena.

H. W. TIROLI,
Commodore, U. S. Navy,
for Chief, Navy Sub-Commission, AC.

H. ST. JOHN BUTLER,
Captain, U.S.N.
By Direction.

Copy to:
Public WKS & Utilities SC/AC.

Lt Col Tupper
a Thompson M/S.

Res note
Ltr 5/3

2515

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
4 MAR 1945 062

45

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

JH GMG/cpn

Fe March 2, 45

205/9

SUBJECT: Electric Motors (Pistoia Waterworks)

TO : Electrical Division, P.W. & U. S/C, AC.

44

1. Reference letter this headquarters 205/8 dated 28 February 1945.

2. The 11 H.P. motor described has been obtained from an individual owner and no further action in the matter is desired.

For the Commanding General:

D.M. GAITHER,
Major, CMP,
Engineer Officer,
AMG Fifth Army.

Copy to: ERO - AMG 5th Army Rear.
Major Bell (c/o Florence Prov.)
Captain McCallum - AMG IV Corp.

Lt Col Kappen

Adj 5/3

2514

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
2 MAR 1945 062

44

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

DMG/cpn

February 28, 1945

205/8

35

SUBJECT: Electric Meters.

TO : Electrical Division, P.W. & U. Subcommission - AC.

1. Reference is made to letter from this headquarters dated 15 February 1945 requesting information as to availability of 10 electric meters of various capacities for Pietais water treating plant.

2. All meters listed have been located and made available for the purpose, except:

1- 11 H.P. 2910 r.p.m. 200 Volt, 3 phase, 50 cycle.

-2-

For the Commanding General:

D.M. GAITHER,
Major, CMP,
Engineer Officer,
AMG Fifth Army.

4 5 refers

Copy to: TAG - AMG 5th Army Rear.
Major Bell (c/o Florence Prev)
Captain McCallum AMG IV Corps.

Lt Col Rapp 2513

Pls acknowledge letter with thanks

Elle 3/3

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 317

43 LWL/ao

INTER OFFICE MEMORANDUM

Reference : 062/PWU 2 March 45

Subject : Supply of Chlorine to Maddalena

To : PUBLIC HEALTH SUB-COMMISSION
From : Public Works and Utilities Sub-Commission

1) - Attached referred to you for consideration as this Sub-Commission believes that it is a matter to be considered and handled by Public Health.

4 6 refers

for W.M. LAWTHER
Lt-Colonel
Chief Elec. Div.

enclosures :
1 - copy ltr 26/2/45 - Navy S/C
2 - Naval Message dated 16/2/45
3 - " " " "
4 - " " " 20/2/45

see folio 40

2512

cc : NAVY SUB-COMMISSION

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

R E S T R I C T E D

HJR/ac

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
APO 394

42

Reference : 062/PWU 23 Feb. 45
Subject : Water Consumption, Pomigliano

To : HEADQUARTERS, ARMY AIR FORCE SERVICE COMMAND
MEDITERRANEAN THEATRE OF OPERATIONS - APO 528

1) - Reference your letter AG 601 dated 15 Feb. inclosing copy of letter of the ALFA ROMEO Company.

2) - It is suggested that a conference be held between the CO of the Military unit involved, the Alfa Romeo Company and the Water Company in an attempt to arrive at a fair distribution of costs.

For the Chief Commissioner

48 refers

L.A.JENNY
Colonel, C.E.
Director

2511

Vedi foglio 37

R E S T R I C T E D

RE(..
P.W. & U.
21 FEB 1945 062

C

41

From:- Officer in Charge of Works,
Northern Area, Mediterranean.

Date:- 19th February 1945.

To:- Colonel Jenny,
A.C.Public Works and Utilities,
Sub-Commission, Rome.

No.979/45.

Water Supply - Island of Ischia - Naples.

1. The water supply in the Island of Ischia is so small that it is imperative that the maximum possible quantity be conserved from the winter rainfall for use during the dry months of summer.

2. At present there are on the Island 3 storage tanks of a total of 1,480 tons capacity which are either in need of repair or alteration in order to make them available for use by the inhabitants this coming summer. The total useful storage on the Island in good condition amounts to 5,110 tons. The repair and adaptation of the three additional tanks would raise the storage capacity to a figure of 6,590 tons, an increase of 29%.

3. The estimated cost of carrying out the necessary work is £.150.

4. The additional storage is not essential for R.N.personnel and therefore the cost of the work cannot be born by the Royal Navy.

5. Capt.Whyte, Zone Public Safety Officer, Naples Zone, who previously held the Office of Provincial Officer, Ischia, has been contacted with a view to arranging for a grant to be made to the Ischia Water Engineer from A.C.funds; Capt.Whyte states that A.C.no longer have any interest in Ischia and that no financial assistance can be given to the Italian authorities there.

2510

6. It is requested that you will make the necessary arrangements for the financial assistance to be given to the responsible Italian authority.

Declassified E.O. 12356 Section 3.3/NND No. 785019

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6. It is requested that you will make the necessary arrangements for the financial assistance to be given to the responsible Italian authority.

Sd Illegible.
Commander R.N.V.R.
Officer in Charge of Works.

Translation given to Reggiani Today.
26/2
O.M.

51 20 Lire

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

40

RECEIVED
P.W. & U. S/C A.C.
1 - MAR 1945 062

HEADQUARTERS, ALLIED COMMISSION
APO 394
Navy Sub-Commission

NSC/1704

26 February 1945.

From: Navy Sub-Commission, Hq, AC.
To : Public Works & Utilities Sub-Commission, Hq, AC.

Subject: Supply of Chlorine to Maddalena.

1. The attached exchange of signals between the Naval Authorities concerned with administration of Maddalena are forwarded for information.

2. It would be appreciated if action could be taken with the Italian Ministry to ensure priority for this supply.

H. W. ZIROLI
Commodore, U. S. Navy,
for Chief, Navy Sub-Commission, AC.

Encls.
3 Messages.

Lt Col Rapelye
Will you please see what you can Div. can do to help.

These messages have been forwarded to Public Health S/C. with letter dated 2-3-45
Maj Schlam

2509

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
28 FEB 1945 062

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S. ARMY

39

DMG/apn
February 26, 1945
205/8

SUBJECT: Pistoia Waterworks.

TO : Regional Engineer - Tuscana Region.

1. Following the conversation referred to in your XVIII/100/PIS/4 of 23 February 1945, the Luder firm was interviewed relative to the meters. They confirmed previous information which we had obtained from the Morelli's firm in Florence, that is, that they did not have any of the meters. It seems that Morelli had the meters last November and held them for Luders refusal after which they disposed of them.

2. Later information of other sources indicates that we may be able to secure most of the small meters, but the prospects of obtaining the 11 H.P. meter are not good. Any information that would assist us in locating one would be appreciated.

? / help
Can we do?

For the Commanding General:

D.M. GAITHER,
Major, CMP,
Engineer Officer,
AMG Fifth Army.

Copy to P.W. & U. Subcommission (Electrical Division)

Lt Col Kaspar
Maj. Lucas
L.J. 1/3 hill

2508

Declassified E.O. 12356 Section 3.3/NND No. 785019

13 FEB 1945 1200

RESTRICTED

PWB 27

HEADQUARTERS
ARMY AIR FORCE SERVICE COMMAND
MEDITERRANEAN THEATER OF OPERATIONS
APO 528

RECEIVED
P.W. & U. S/C A.C.
21 FEB 1945 062

In reply refer to: AG 601

(EN-5-9)

15 February 1945

SUBJECT: Water Consumption, Pomigliano.

TO : Director, Public Utilities Division, Allied Commission, APO 394.

SUB-COMMISSION

1. Attention is invited to communication attached hereto from the Alfa Romeo Company located at Pomigliano.

2. It is felt that the complaint stated in attached communication is justified and that corrective action should be taken immediately in order to alleviate the necessity of a civil lawsuit between the Alfa Romeo Company and the local water company.

3. Numerous requests have been made to the water company to install separate water meters for that portion of the settlement which is occupied by Allied military personnel. To date no action has been taken by the water company.

For the Commanding General:

JOHN R. RICE,
Captain, AGD,
Asst Adj Gen.

42 refers

1 Incl:
Incl 1 - Ltr, File Ing. Ba/mf 1655, Subj: "Drinking Water Consumption", Alfa Romeo Co, dtd 30 Jan 45.

cc: Alfa Romeo Co., Pomigliano.

What are we offered to do? Arbitrate or arbitrator?

AAFSC/MTO
M. B. 20209

RESTRICTED

Declassified E.O. 12356 Section 3.3/NND No. 785019

Alfa Romeo MILANO - NAPOLI

SOC. AN. - CAP. L. 240.000.000 - VERS. L. 93.000.000

STABILIMENTO AERONAUTICO S. MARTINO
POMIGLIANO D'ARCO

TELEF. 5 (Pomigliano)

To

A.A.F.S.C./MTO
REAL ESTATE OFFICE

N A P L E S

VS. RIFERIMENTO	NS. RIFERIMENTO (da citare nella risposta)	DATA
	Ing.Ba/mf 1655	30st Jan. 1945

OGGETTO: DRINKING WATER CONSUMPTION.=

1) The Allied Units which are now occupying the Alfa Romeo Airfield in Pomigliano d'Arco, some areas in the Alfa Romeo factory and n°407 flats in the workers village, are using the drinking water supplied by Azienda Elettrica Municipalizzata di Pomigliano d'Arco.

2) All the water is registred by only one meter and the total amount in charged to our firm.

3) The average consumption, each three months in the last three years, result as follows:

Nov. 941 - Dec. 941 - Jan. 942	Lire	8.391,05
Feb. 942 - Mar. 942 - April 942	"	10.240,80
May 942 - June 942 - July 942	"	21.076,10
Aug. 942 - Sep. 942 - Oct. 942	"	25.125,70
Nov. 942 - Dec. 942 - Jan. 943	"	37.923,75
Feb. 943 - Mar. 943 - April 943	"	34.339,55
May 943 - June 943 - July 943	"	37.742,05
Aug. 943 - Sep. 943 - Oct. 943	"	23.479,60
Nov. 943 - Dec. 943 - Jan. 944	"	139.350,90
May 944 - June 944 - July 944	"	141.652,45
Aug. 944 - Sep. 944 - Oct. 944	"	25006,30

4) Considering that only one tenth of factory is now under our control, that the actual number of the workers is about 700 instead of 7000 formerly employed, that 170 on 577 flats are now occupied by civilians, we think that our charge for drinking water cannot be more than 5000 lire each three months.

..//..

Mod. 28 - Coop. A-Z - Napoli - 25.000

Encl #1

Declassified E.O. 12356 Section 3.3/NND No. 785019

Alfa Romeo

n°2

Continuation of the letter n°1655 addressed to A.A.F.S.C./MTO REAL ESTATE OFFICE - NAPLES -

date, 30th Jan.1945

SUBJET: DRINKING WATER CONSUMPTION

5) The Azienda Elettrica Municipalizzata is prosecuting judicially us for the water used in the last year; therefore we beg you to settle up the question with the Azienda Elettrica Municipalizzata as soon as possible, considering that our actual financial situation does not permit us to advance the money.

Yours faithfully.

S.A. "Alfa Romeo"
Milano - Napoli

p. Il Direttore

Declassified E.O. 12356 Section 3.3/NND No. 785019

35

RECEIVED
P.W. & U.S/C.A.C.
18 FEB 1945 062
L58

HEADQUARTERS
AMG FIFTH ARMY
APO 464 U.S.ARMY

DMG/cpn
February 15, 1945
205/8

SUBJECT: Electric Motors.

TO : Electrical Division, P.W. & U. Subcommission, Allied Commission.

1. To complete the repairs of the Centrale di Prombialla Pistoia water system before the advent of dry weather the following motors, which cannot be obtained in this army area are required, all for 50 cycle, three phase, 260 volt, power:

2 - 2 H.P.	950	r.p.m.
2 - 3.2 H.P.	950	"
2 - 1.5 "	950	"
2 - 4 "	2880	"
1 - 3 "	2880	"
1 - 11 "	2910	"

2. Kindly advise if these or similar motors can be obtained elsewhere for the purpose of installing in a water treating plant.

Vol 44 refers

For the Commanding General:

Lt Col Rapper
Adj. 20/2

Francis M. Wray
FRANCIS M. WRAY
Lt. Col., CMP,
Acting Chief of Staff,
AMG Fifth Army.

See minute 36 2504

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
APO 394

HJR/ac

Reference : 062/PWU

17 Feb. 45

34

Subject : Electric Motors and Pumps - Filettole

To : REGIONAL COMMISSIONER TOSCANA REGION
(Attention Regional Engineer)

1) - Inclosed is copy of AFHQ letter E-1 dated 12 Feb. 1945.

2) - Please take the necessary action to initiate this project.

By command of Rear Admiral STONE,

L.A.JENNY
Colonel, C.E.
Director

2503

1 enclosure

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081
Ext. 320

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
APO 394

HJR/ac

33

Reference : 062/PWU 17 Feb. 45
Subject : Electric Motors & Pumps - Filettole

To : ALLIED FORCE HEADQUARTERS
G-5 Section APO 512

(32)

1) - Reference your letter E-1 dated 12 Feb. 1945.

2) - The Regional Engineer, Toscana Region, has been instructed to proceed with this project.

For the Chief Commissioner :

L.A.JENNY
Colonel, C.E.
Director

2502

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

RECEIVED
P.W. & U. S/C A.C.
14 FEB 1945 062

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. E-1

12 February 1945

SUBJECT: Electric Motors and Pumps - Filettole Pumping Station.

TO : Headquarters, Allied Commission, APO 394
(Attn: Director, Public Works & Utilities Sub-Commission)

1. Reference is made to your memorandum of 23 January '45, your file 062/PWU, to which was attached a translation of a letter from the Societa Anonima Trattamento Acque dated 12 January '45 offering to furnish electric motors and pumps at the Filettole Pumping Station.

2. It is the understanding of this Headquarters that PBS has temporarily installed certain military equipment at the a/m Station and that it has given assistance to the Genio Civile, Livorno, in locating suitable pumps for permanent installation.

3. It is the belief of this Headquarters and PBS that permanent installation of pumps and other equipment in this station is not a military responsibility but one which the Allied Commission should consider from a civilian angle since the installation is purely civilian in character.

4. It is suggested that arrangements be made for the procurement of necessary pumps and other equipment to be installed on a permanent basis in this civilian installation so that military equipment presently in use may be released to PBS for further use elsewhere.

For the Assistant Chief of Staff, G-5:

HEADQUARTERS
13 FEB 1945
C.

ROBERT A. MARTINO
Lt. Colonel, S.R.
Economics & Supply Div.

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
30 JAN 1945 062

CONFIDENTIAL

PBS 4000

31

AG 412.3 BPENG (19 Jan 45) 1st Ind.
HEADQUARTERS, PENINSULAR BASE SECTION, APO 782 26 JAN 1945

TO: Director, Public Works and Utilities Sub-Commission,
Allied Commission, APO 394.

1. Ing. Baccolis of the Società Anonima Trattamenti Acque visited this Headquarters 16-18 January 1945 at which time the Filettole Pump Station and the design of a proposed water treatment plant for Leghorn were discussed.

2. The proposal to supply pumps for the Filettole Pump Station, as described in the offer of the Società Anonima Trattamenti Acque, was discussed with the Genio Civile of Leghorn Province and with Leghorn Water Company officials and is now passing through the necessary channels for approval.

3. The assistance rendered by you to this Headquarters in the above mentioned matters is much appreciated.

For the Commanding Officer:

D. W. MASTIN
Major, A.G.D.
Asst. Adj. Gen.

Inclosures withdrawn.

noted Maj. 31/1
Lt Col Eggen Permit. HQ AP

2500

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

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CONFIDENTIAL

CONFIDENTIAL

HWW/sg 31A

PBS 3176

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 19 January 1945.

SUBJECT : Electric Motors and Pumps -
Fillettole Pumping Station.-
Leghorn Water Supply.

TO : HQ. P.B.S. FORWARD ECHELON - APO 782.

1. Reference your letter, AG 475.4, of 18 Nov 44, and further to our letters, 062/PWU, of 1 Dec and 20 Dec 44.

2. We enclose an offer (with translation) of suitable pumping plant, from the Società Anonima Trattamenti Acque.

3. This matter has been discussed over telephone between Capt. Foley of your Hq. and Maj. Westwood of this Hq.

4. Also, at the request of Capt. Foley, arrangements have been made for Ing. BACCOLIS, of the aforesaid company, to visit your Hq. at the earliest possible date in connexion with (a) the pumping plant, above mentioned, and (b) the design of a proposed water treatement plant in the vicinity of Stagno.

L.A. JENNY,
Colonel, C.E.,
Director.

2499

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Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

HWW/sg

CONFIDENTIAL

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE: 062/PMU. 19 January 1945

SUBJECT : Electric Motors and Pumps-
Filettole Pumping Station.-
Leghorn Water Supply.

TO : HQ. P.B.S. FORWARD ECHELON - APO 782.

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L.A. JENNY,
Colonel, C.E.,
Director.

2498

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.478806

HJR/ac

30

INTEROFFICE MEMORANDUM

Reference : 062/PWU 25 Jan. 45

Subject : Water Pipes for AMG 5th Army

To : Maj. L.G.PRICE

From : Electrical Division

1) - Major Donald Gaither, AMG 5th Army (Phone - Florence 1388) urgently needs the following water pipes :

1500 meters - 1" (25 to 30 mm.)
1600 " - 3/4"(20 mm.)

2) - Typhoid epedimics in small town Army Area.

3) - Trucks are leaving here Saturday for Florence with 5 Generators for Maj. Gaither (see Maj. Renton). If pipe cannot be loaded on these trucks Lt.Col.Tescannni can arrange to have trucks here early next week.

H.J.ROSSON
Major, Spec.Res.
P.W. & U.

2497.

1264

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 489081

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
APO 394

File

HJR/ac

29

Referance : 062/PWU 23rd Jan. 45
Subject : Electric Motors and Pumps
Filettole Pumping Station

To : ALLIED FORCE HEADQUARTERS
G-5 Section APO 512

27

1) - Referenoe your letter E-1 dated 15 Jan. 45.

2) - Copy of our letter 062/PWU 19 Jan. to Hq PBS Forward Echelon together with translation of enclosure from the Società Anonima Trattamento Acque are inclosed.

3) - Eng.BACCOLIS of the Società Anonima Trattamento Acque has visited Hq. PBS Forward Echelon.

4) - If PBS desires the pumps offered by SATA this Company can furnish suitable pumps locally.

L.A.JENNY
Colonel, C.E.
Director

2496

2 enclosures

au folio 27

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

FILE 28

HWW/sg

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 19 January 1945.

SUBJECT : Electric Motors and Pumps -
Fillettole Pumping Station.-
Leghorn Water Supply.

TO : HQ. P.B.S. FORWARD ECHELON - APO 782.

1. Reference your letter, AG 475.4, of 18 Nov 44, and further to our letters, 062/PWU, of 1 Dec and 20 Dec 44.

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L.A. JENNY,
Colonel, C.E.,
Director

2495

Declassified E.O. 12356 Section 3.3/NND No. 785019

FILE

SATA

SOCIETA ANONIMA TRATTAMENTI ACQUE

TELEGR.: SATACQUA - ROMA

ROMA
VIA BELLUNO N. 1

TELEFONO N. 862-648

COPIA

Ing.GB/pm. 12 Gennaio 1945

Allied Commission
P . W . B .
A P O 4 3
Major Westcod

P r e v e n t i v o n° 45/1007

Con riferimento alle intese verbali intercorse, ci pregiamo presentarVi qui di seguito la na/ offerta per i gruppi elettropompa necessari per la stazione di sollevamento di Filettola.

Proponiamo gruppi di elettropompe della portata di litri/secondo 15-18 per le seguenti ragioni :

1°) difficoltà di trovare sul mercato motori di potenza superiore ai 40-50 HP;

2°) Difficoltà di costruzione di un altro tipo di pompe. Come unici costruttori di pompe di grossa portata ed alta prevalenza nelle regioni liberate, abbiamo per ora solo la possibilità di fornire pompe come quelle offerte, che si prestano ottimamente per il servizio d'acquedotto essendo costruite in serie e perciò senz'altro interscambiabili.

3°) D'installazione pur essendo più complessa nell'insieme in confronto ad un impianto con pochi gruppi di maggior portata, presenta d'altro canto il vantaggio di maggiore elasticità e sicurezza d'esercizio.

MATERIALE COMPRESO NELLA FORNITURA :

2494

N° 10 Gruppi elettropompa di tipo speciale, espressamente studiato per un funzionamento continuo e sicuro anche nelle condizioni di lavoro più disagiate che si possono riscontrare nell'esercizio di acquedotti.
Ciascuno dei gruppi è costituito da :
n° 1 Pompa centrifuga ad asse orizzontale, composta dai

648 - 3000 - 1-49

1267

Declassified E.O. 12356 Section 3.3/NND No. 785019

S. A. T. A.
SOCIETÀ ANONIMA TRATTAMENTI ACQUE
ROMA

Foglio N. 2 Data 12/I/45

Allied Commission P.W.U. - Rome

seguenti elementi: 1 coperchio aspirante in ghisa con attacco a flangia per la condotta aspirante del diam. di passaggio di mm. 125 rivolto radialmente; 1 coperchio premente in ghisa con attacco a flangia per la condotta di pressione del diametro di mm. 100 rivolta in alto; 3 coppi cilindrici intermedi in ghisa accuratamente centrati e portanti le direttrici in bronzo; 4 giranti in bronzo perfettamente equilibrate, con anelli di scorrimento da un solo lato, forate in modo che la pressione idraulica di passaggio agisca della parte della mandata su una superficee maggiore della girante che non dalla parte dell'aspirazione.
La spinta assiale che si verifica in tal modo viene eliminata da un apposito reggispinta a disco, di bronzo che a pompa ferma va ad appoggiarsi su di un apposito controdisco. La pressione idraulica di passaggio dell'ultima girante agisce sul disco reggispinta, dimensionato in modo che le due forze si equilibrino perfettamente. La parte esterna del reggispinta e con esso il premistoppa di pressione, essendo scaricati, non lavorano sotto pressione.
L'albero di acciaio S.M. accuratamente rettificato non viene a contatto dell'acqua essendo rivestito dalle bocciole distanziatrici delle giranti in bronzo, ed è appoggiato da ambi le parti del corpo di pompa su robusti cuscinetti con lubrificazione automatica ad anelli.
Le singole parti del corpo vengono strette in un unico blocco mediante 8 tiranti in acciaio; una lamiera riveste poi il tutto per proteggerlo verso l'esterno in modo da presentare una forma cilindrica liscia facilmente pulibile. L'albero della pompa è provvisto dalla parte del comando di

n° 1 Giunto elastico che lo accoppia direttamente su

n° 1 Basamento comune di fondazione in ferro o ghisa a

n° 1 Albero di trasmissione, debitamente sopportato da 2 cuscinetti a lubrificazione automatica ad anello, e portante una puleggia a gole per cinghie di trasmissione trapezoidali (o liscia per cinghia unica a sezione normale).
Dati di lavoro della pompa :
Portata al min. primo circa ..... litri 10/12
Prevalenza man. totale ..... m. 145
Velocità al min. primo ..... giri 2350 (2800)
Potenza assorbita all'asse circa ..... HP 38

n° 1 Motore elettrico asincrono trifase con indotto ad anelli e dispositivo pel sollevamento spazzole, avviamento a reostato in olio. ([illegible]). La puleggia per la trasmissione a cinghia è calettata direttamente sull'albero motore.

2493

./.

230

Declassified E.O. 12356 Section 3.3/NND No. 785019

S. A. T. A.
SOCIETÀ ANONIMA TRATTAMENTI ACCIAI
ROMA

Foglio N. Data 12/I/45

Allied Commission P. W. U - R o m a

Dati di lavoro del motore elettrico :
Tensione ..... Volt 260
Frequenza ..... per. 50
Velocità al min. primo ... giri 750
Potenza resa all'asse .... HP 40 (50)

PREZZO per ciascun gruppo di elettropompa, come descritto, fornito franco ns/ Officina Roma, compresa la prestazione di un nostro montatore specializzato e la direzione tecnica per la posa in opera,. . . . . L. 450.000,==

Nel prezzo suddetto il valore dei materiali è rappresentato dal 95% della somma complessiva, mentre la mano d'opera e la direzione di montaggio sono rappresentate dal rimanente 5%.

PAGAMENTI : 1/3 dell'importo complessivo all'ordine,
1/3 all'approntamento dei motori elettrici nelle ns/ officine,
1/6 alla consegna del materiale presso le ns/ officine, anche parzialmente per singoli gruppi,
1/6 a montaggio ultimato, anche parzialmente per singoli gruppi.

TERMINE DI CONSEGNA : 2 gruppi entro 45 giorni circa dalla data del perfezionamento dell'ordine; 3 gruppi entro 65 giorni circa dalla data del perfezionamento dell'ordine; 5 gruppi entro 80 giorni circadalla data del perfezionamento dell'ordine.

In attesa di Vs/ ambiti ordini che saranno eseguiti con la massima cura e solerzia, distintamente salutiamo.

2492

S. A. T. A.
SOCIETÀ ANONIMA TRATTAMENTI ACCIAI

Ing. BACCOLIS

230

TRANSLATION

2 Copies

CT/atc

S.A.T.A.

SOCIETA' ANONIMA TRATTAMENTI ACQUE
(Water Treatments Co. Inc.)

TO : H.Q. Allied Commission.
Pub. Works & Utilities Sub-Comm.
(Att. Major Westwood)

January 12 1945.

Estimate No. 45/1007

With reference to our verbal agreements, we beg to submit hereafter our offer for the electric pumps unit needed for the water raising station of Filettole.

We propose that electric pump units of an output of 10-12 litres/second, be used owing to the following reasons :-

1) Difficulty of finding on the market motors more powerful than 40 - 50 HP.

2) Dificulty of building another type of pump. As sole builders of high-output and high-raising pumps in the Liberated zones, for the time being we are able to supply only pumps of the type offered above, which are perfectly fit for the aqueduct service, being built in sets, and therefore definitely interchangeable.

3) The installation, though on the whole more complex than a plant with few units of a higher output, affords on the other hand the advantage of a greater flexibility and safety.

MATERIAL INCLUDED IN THE DELIVERY :-

No. 10 Electric pump units of a special type, designed for a continuous and safe functioning, even in the most severe running conditions, which can be found in aqeduct operation.

2491

Declassified E.O. 12356 Section 3.3/NND No. 785019

hereafter our offer for the electric pumps unit needed for the water raising station of Filettole.

We propose that electric pump units of an output of 10-12 litres/second, be used owing to the following reasons :-

1) Difficulty of finding on the market motors more powerful than 40 - 50 HP.

2) Dificulty of building another type of pump. As sole builders of high-output and high-raising pumps in the Liberated zones, for the time being we are able to supply only pumps of the type offered above, which are perfectly fit for the aqueduct service, being built in sets, and therefore definitely interchangeable.

3) The installation, though on the whole more complex than a plant with few units of a higher output, affords on the other hand the advantage of a greater flexibility and safety.

MATERIAL INCLUDED IN THE DELIVERY :-

No. 10 Electric pump units of a special type, designed for a continuous and safe functioning, even in the most severe running conditions, which can be found in aqeduct operation. 2491

Every unit is composed of:
No. 1 Horizontal-shaft Centrifugal Pump, composed of the following parts ; 1 cast iron suction basket with flanged joint for the suction pipe (125mm opening), in radial direction; 1 cast iron pressure basket with flanged joint for the pressure pipe (100mm opening), turned upwards; 3 cast iron intermediate cylindrical pitchers, carefully centered, which bear the bronze direction blades ; 4 bronze impellers, perfectly balanced with sliding rings only on one side, bored in such way that the hydraulic pressure works on a larger surface of the impeller on the outlet side, than on the inlet side (suction). The axial thrust is eliminated by a special thrust-bearing disc, made with bronze, that - when the pump is stopped - leans against a counter-disc.

Declassified E.O. 12356 Section 3.3/NND No. 785019

The hydraulic pressure passing through the last impeller acts on the thrust bearing disc, whose dimension is such, that the two forces are perfectly balanced. The external part of the thrust-bearing, and with it the pressure stuffing-box being unloaded, do not work under pressure.
The S.M. Steel shaft, carefully rectified, does not get into contact with the water, being covered by the spreader bushings of the bronze impellers, and leans on both sides of the pump body against strong bearin gs with automatic lubricating rings. The various parts of the body are held tight in the block by 8 steel rods, and the whole unit is then covered by a protection plate, in order to have a cylindrical smooth surface which can be easily cleaned.

The pump shaft, on the drive side, has :-
No. 1 Flexible joint, which connects it directly on
No. 1 Cast iron or common iron founation base, to :
No. 1 Transmission shaft with two bearings - automatically ring-lubricated and a groove pulley for vee-Belts (or normal pulley for one section belts)
Pump working figures : -

Output	nearly 10/12	litres/1'
Total Raising Capacity	145	metres
Speed	2350 (2800)	r.p.m.
Power absorbed	nearly 38	HP

No 1 Three-phased asyncronous electric motor with rings armature and brush-lifting device, started with oil rheostat. (The motor has already been used) The belt pulley is fixed directly on the motor shaft.
Motor working figures : -

Tension	260 Volts
Frequency	50 Periods
Speed	750 r.p.m.
Power	40 HP

PRICE : For every electric pump unit as above, furnished free of charges at our Factory in Rome, including the loan of one of our skilled mounters, and the technical direction for the installation

450.000 Lires

2490

Declassified E.O. 12356 Section 3.3/NND No. 785019

The pump shaft, on the drive side, has :-
No. 1 Flexible joint, which connects it directly on
No. 1 Cast iron or common iron founation base, to :
No. 1 Transmission shaft with two bearings - automatically ring-lubricated and a groove pulley for vee-Belts (or normal pulley for one section belts)
Pump working figures : -

Output	nearly 10/12	litres/1'
Total Raising Capacity	145	metres
Speed	2350 (2800)	r.p.m.
Power absorbed	nearly 38	HP

No 1 Three-phased asyncronous electric motor with rings armature and brush-lifting device, started with oil rheostat. (The motor has already been used) The belt pulley is fixed directly on the motor shaft.
Motor working figures : -

Tension	260 Volts
Frequency	50 Periods
Speed	750 r.p.m.
Power	40 HP

P R I C E : For every electric pump unit as above, furnished free of charges at our Factory in Rome, including the loan of one of our skilled mounters, and the technical direction for the installation

450.000 Lires

2490

The 95% of the above sum represents the value of materials, while labor and supervision of the assembling account for the remaining 5%

P A Y M E N T : 2 units within about 45 days from the date of order, 3 units within about 65 days from the date of the order, 5 units within about 80 days from the date of the order.

Awaiting your esteemed orders, which will be executed with the utmost care and diligency, we are

Truly yours

S.A.T.A.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

8164
27

RECEIVED
P.W. & U. S/C A.C.
18 JAN 1945 062

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

RVG/wtf

15 January 1945

Ref. E-1

SUBJECT: Electric Motors & Pumps - Filettole Pumping Station.

TO : Headquarters, Allied Commission, APO 394.
(Public Works & Utilities Sub-Commission.)

24

1. Reference your letter 062/PWU of 20 December.

2. Are you now able to state whether the necessary units are available locally, or alternately whether they will be requisitioned for shipment into the theater.

For the Acting Assistant Chief of Staff - G-5:

R. V. GRADY
Captain, TC
Economics & Supply Division.

Copy to:
G-4 (Attn:
Maj. Atkinson)

READ
17 JAN 1945
A.

29 refers

Lt Col Rayner

KJR Please examine

Refer to our letter of 12 Jan. FOLIO 28

2489

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

RVG/wtr

Ref. E-1

15 January 1945

SUBJECT: Electric Motors & Pumps - Filettole Pumping Station.

TO : Headquarters, Allied Commission, APO 394.
(Public Works & Utilities Sub-Commission.)

1. Reference your letter 062/PWU of 20 December.

2. Are you now able to state whether the necessary units are available locally, or alternately whether they will be requisitioned for shipment into the theater.

For the Acting Assistant Chief of Staff - G-5:

R. V. GRADY
Captain, TC
Economics & Supply Division.

Copy to:
G-4 (Attn:
Maj. Atkinson)

HEADQUARTERS
17 JAN 1945
A. C.
2488

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

HVG/wtf

Ref. E-1

15 January 1945

SUBJECT: Electric Motors & Pumps - Filettole Pumping Station.

TO : Headquarters, Allied Commission, APO 394.
(Public Works & Utilities Sub-Commission.)

1. Reference your letter 062/PWU of 20 December.

2. Are you now able to state whether the necessary units are available locally, or alternately whether they will be requisitioned for shipment into the theater.

For the Acting Assistant Chief of Staff - G-5:

H. V. CRADY
Captain, TC
Economics & Supply Division.

Copy to:
G-4 (Attn:
Maj. Atkinson)

2487

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U.S/C.A.C.
29 DEC 1944 062

26

HEADQUARTERS
SOUTHERN REGION ALLIED COMMISSION
Public Works &Utilities Section
APO 394

27 December 1944

SUBJECT : Electric Motors and Pumps
Filettole Pumping Station
Leghorn Water Supply.

TO : Headquarters Allied Commission
Public Works &Utilities Section
Attention Lt. Col. W.M. Lapper.

9

1. Reference is made to your letter 062/PWU relative to the above subject.

2. We have been unable to find the equipment which you mentioned in your letter.

For the Regional Engineer :

RAR/rb

R. A. RYAN 2486
Capt. Spec. Res.

Note

Declassified E.O. 12356 Section 3.3/NND No. 785019

25

RECEIVED
P.W. & D. S/C A.C.
27 DEC 1944
062.

Hd a.c. (P.W.)

* Enclosed - which has been found (9) by you 062/PWD 1 Dec.

23 Dec
44

Col Whitby
in charge
Maj Eng Sec.

Lt Col Rapper

2485

Lt Col Findlay gave me this for you.

24/12

* Withdrawn from file & REPLACED by & the enclosures, & Lt. Col. Rapper of S.A.T.A. and Lt. Col. Rapper.

26/12

Passed time by Col. Lafferty. I have cancelled his name on Staff Sheet.

26/12

Declassified E.O. 12356 Section 3.3/NND No. 785019

Rome 21th December 1944

In order to locate and find suitable pumps for Filettole Power Station (Pisa) the following have been contacted:-

1) Eng. Naldo Naldi - Water Section of Rome - Major Buckley's office (Via del Mare)
2) Firm "Acqua Marcia" water supplier in Rome city and Rome Province
3) Dott. Eng. Bisogno, who is competent in this matter and has supplied pumps to several communes in Region IV
4) Firm SATA specialized in water pumps
5) Firm "Morubito" (Via Terme di Diocleziano)
6) Firm "Garvens" (Piazza Indipendenza)

In a/m conferences it has been found out that pumps of the kind requested are very scarce on the market.

All the Firms have answered negatively, except Eng. Bisogno and Firm SATA whose bids are enclosed.

Castellani

I suggest to go on the place, and as big pumps are not available on the market, to look if it is possible with the help of a Firm to put together the pieces that can be found and to form a new pump. (if necessary doing some repairs)

Castellani

December 22 1944

2.184

Declassified E.O. 12356 Section 3.3/NND No. 785019

S. A. T. A.
PUBLIC WORKS
WATER SUPPLY - WATER PURIFICATION
CONSULTING, HYDRAULIC AND SANITARY ENGINEERS

Agency of the
JEWELL EXPORT FILTER COMPANY
New Jork - London - Calcutta
Water Works, Gravity and Pressure Filters
Chlorinators, etc.

Rome, December 22 1944

I, VIA BELLUNO

Tel. Offices 862.546
80.168
Factory 490.666
Cable Adress SATACQUA ROMA

ENGINEERING DIVISION
Allied Commission Reg IV
R O M E
25 Corso d'Italia

Refering to our verbally agreements we submit to you our lowest offer for the following pump units,among which you can select the units most adapted for your purposes.

2 Electric pump sets for lifting cold water,of the horizontal type,consisting each of :
1 Centrifugal pump,inlet and outlet diameter mm 150,cast iron case and single carefully balanced impeller,discharge 55;0 litres/second,total head 10 metres directly coupled by means of a flexible coupling,on a cast iron foundation plate to
1 Electric three phase motor 220 Volt 45 C.P.M. self-ventilated induction type.

PRICE : For each set supplied free our workshop Rome,packing not included
Lire 210.000,==

Delivery: Within 5 days after order was given.
Payment: Net cash on delivery.

1 Motor pump set composed of:
1 Centrifugal pump,with horizontal axle,inlet and outlet diameter 200 mm, bronce impeller ,shaft fixed on three supports with three groves pulley trapezoidal belts;
1 Foundation of section iron
1 Diesel engine single cylinder two cycle,of a capacity of about 18 HP,with pulley for three trapezoidal belts.
Discharge of the pump ..... 60 litres/second
Total head ..... 10 metres.

2483

PRICE : For the set delivery free our workshop,packing not included
Lire 340.000,==

Delivery: Within 15 days after the order was given.

The same set mentioned above but with an electric moto 220 V 45 P.P.M.
Lire 280.000,==

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

1 Motor pump set composed of :
1 Centrifugal pump, horizontal shaft, inlet and outlet diameter mm 150, discharged 30 litres/second total head 10 metres, coupled to
1 Diesel engine make Loro-Parisini, Type 43,12 HP 650 R.P.M.
The set is erected on a four wheel lattle car.

PRICE: For the set delivered free our workshop, packing not included
Lire 300.000,--

Delivery: Within 15 days after order was given.
Payment: Net cash on the delivery.

Awaiting your appreciated orders, which will be executed with greatest promptness and most attention, we remain

Yours faithfully.

S. A. T. A.
SOC. AN. TRATTAMENTI ACQUE

Dott.Ing. GIOVANNI BISOGNO

translation

Rome, 16th December 1944

TO : HQ.AC. Engineering Division
Corso d'Italia 25 Rome.

SUBJECT : Supply of electric pumps

According to technical data supplied by you, we forward our offer for the supply of electric pumps as follows:-

- N°2 groups Pellizzari composed with an electric three-phase asynchronous motor with 4 poles, 11 HP power, 220 tension, 45 periods(which can function equally well with a tension of 260 V., 50 cycles) connected by a coaxial junction with a centrifugal pump 50 liters/sec., 8 meters prevalence, 1300 revolutions per minute, diameter suction pipe 175 mm., discharge pipe 125 mm.

The two groups connected in parallel can supply the flow of water requested by you of 100 liters/sec. As to the prevalence, as the pump must function at 50 periods with 1450 revolutions per minute, we shall have:-

$$H' = 8 \frac{1450^2}{1300^2} = 9,95 \text{ meters}$$

, therefore the prevalence will reach the 10 meters requested by you.
If the revolution number is 1600 per minute (the frequency is 55 periods and not 50), the prevalence becomes:

2482

$$H' = \frac{1600^2}{1300^2} = 12 \text{ meters.}$$

The price of each

Declassified E.O. 12356 Section 3.3/NND No. 785019

According to technical data supplied by you, we forward our offer for the supply of electric pumps as follows:-

- N°2 groups Pellizzari composed with an electric three-phase asyncronous motor with 4 poles, 11 HP power, 220 tension, 45 periods(which can function equally well with a tension of 260 V., 50 cycles) connected by a coaxial junction with a centrifugal pump 50 liters/sec., 8 meters prevalence, 1300 revolutions per minute, diameter suction pipe 175 mm., discharge pipe 125 mm.

The two groups connected in parelel can supply the flow of water requested by you of 100 liters/sec. As to the prevalence, as the pump must function at 50 periods with 1450 revolutions per minute, we shall have:-

$$H' = 8 \frac{1450^2}{1300^2} = 9,95 \text{ meters,}$$ therefore the prevalence will reach the 10 meters requested by you.

If the revolution number is 1600 per minute (the Frequency is 55 periods nd not 50), the prevalence becomes:

2482

$$H' = \frac{1600^2}{1300^2} = 12 \text{ meters.}$$

The price of each motor pump is L.190.000

Delivery: Our warehouse in Rome

Payment : 1/5 at time of ordering

4/5 at delivery

Besides we can supply if you desire it:

n°1 group electric pump composed with a three-phase asyncronous motor with rings with stating rheostat, with 4 poles, 85 HP power, 220 volts 45 periods, and with a centrifugal pump 260 liters/sec., 15 meters prevalence, 1230 revolutions per minute.

Price L.500.000

./.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

DOTT. ING. GIOVANNI BISOGNO
ROMA - VIA A. TORLONIA, 12 - TEL. 860-945

Roma, I6 dicembre I944

Alla Commissione Alleata
Divisione Ingegneria
Roma, Corso d'Italia

Oggetto: Fornitura elettropompe.

In base ai dati tecnici forniti ci Vi sottoponiamo n/ offerta per la fornitura di elettropompe dalle seguenti caratteristiche:

- n° 2 gruppi Pellizzari composti di motore elettrico trifase asincrono a 4 poli, potenza II HP, tensione 220, periodi 45, (che può funzionare egualmente bene con tensione 260 volts, 50 cycles,) collegato a mezzo di giunto coassiale con pompa centrifuga di portata 50 litri/sec., prevalenza 8 metri, giri I300 al minuto, diametro bocca aspirante mm.I75, bocca premente I25 mm.

I due gruppi collegati in parallelo possono fornire la portata richiesta di litri I00 al secondo. In quanto alla prevalenza, tenuto presente che la pompa dovrà funzionare a 50 periodi cioè con I450 giri al minuto, si avrà: $H' = 8 \frac{I450^2}{I300^2} = 9{,}95$ metri, cioè la prevalenza raggiungerà i I0 metri da Voi richiesto.

Se poi il numero dei giri è di I600 al minuto (la frequenza allora è di 55 periodi e non di 50), la prevalenza diventa:

$$H' = \frac{I600^2}{I300^2} = I2 \text{ metri.}$$

Il prezzo di ciascun gruppo motore -pompa è di L. I90.000

Consegna: nostro deposito in Roma

Pagamento: I/5 all'ordine
4/5 alla consegna.

2481

Declassified E.O. 12356 Section 3.3/NND No. 785019

Nel caso vi possa interessare, possiamo inoltre fornirvi:
n°I gruppo elettropompa composto di motore asincrono trifase ad anelli con reostato di avviamento, a 4 poli, potenza 85 HP, 220 volts, 45 periodi, e di pompa centrifuga di portata 260 litri al secondo prevalenza I5 metri, giri I230 al minuto.

Prezzo L. 500.000

Per i gruppi ad alta prevalenza non abbiamo nulla di pronto.

Con osservanza

I Suoi Giapponesi

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Extn.320.

HWN/sg

24

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU.
SUBJECT : Electric Motors and Pumps. Filettole Pumping Station.- Leghorn Water Supply. 20 Dec.44.
TO : Allied Force Headquarters (G-5) Economics & Supply Division.)

1. Reference your letters E-1 of 7 and 17 Dec.44

2. The substence of letter AG 412.3 BPENG of 30 Nov., from Headquarters Peninsuler Base Section, had already been communicated to this Headquarters by Headquarters Peninsuler Base Section Forward Echelon in their letter AG 475.4 BPENG-FWD of 18 Nov.44.

3. We replied to HQ, P.B.S. Forward Echelon on 1 Dec 44, es per attached copy letter, from which you will see that a statement of the requirements was circulated to all our Regional Engineers.

4. The Regional Engineers who have so fer replied have no suitable plant available, and we doubt whether the others will be in any better position to help.

5. As soon as we have confirmation that no suitable equipment is likely to be found in this country, we shall submit a requisition for importation of pumps and motors according to the stated requirements.

6. It is proposed that an Officer of this Sub-Commission shall take an early opportunity to visit the site in order to investigate the situation fully and take a record of any other relevent information.

2480

For the Chief Commissioner.

L.A. JENNY,
Lt-Colonel,C.E.,
Director.

Enclosure: Copy letter.
Copy to: HQ. P.B.S.Forward Echelon - APO 782.

Declassified E.O. 12356 Section 3.3/NND No. 785019

FILE 062

23

MANAGER WATER WORKS MALTA

3508 201500 ROUTINE

RESTRICTED
PARA ONE PD INSPECTED BOILER PIETRAFITTA PD
PAREN TO MALTA FOR MANAGER WATER WORKS FROM HQ AIGCM FOR LAPPER
SIGNED STONE CITE THREE FIVE ZERO EIGHT PAREN
PARA TWO PD BUCKLEY CONSIDERS NOT REPEAT NOT SUITABLE PD
PARA THREE PD WAITING TRANSPORT MATTA

2479

PUBLIC WORKS

book out 614

Declassified E.O. 12356 Section 3.3/NND No. 785019

FILE

22

Telephone 478805
LGP/bs

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works & Utilities Sub Commission
Electrical Section

20/12/44

References Civil Supplies

To : Regional Commissioner
Lazio Umbria Region
(Att. Regional Engineer)

1. Herewith list of supplies required by Societa dell'Acqua Pia Antica Marcia for 1945. for your attention.

2. Should you have any difficulty in meeting the demands this Sub Commission will be glad to assist.

L. G. PRICE
L.G.PRICE,Major RE
for Lieut-Colonel
Chief Electr.Division

Encl. Ltr Ministero del Lavori Pubblici
dtd 11 Dec.44
List of materials

2477
2478

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Extn.317.

HWW/sg

21

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 19 Dec.44.

SUBJECT : Assistance of an Officer from Headquarters.

TO : Regional Commissioner, Toscana Region. (Attention: Regional Engineer).

1. Reference telephone conversation of 15 Dec., between Maj.Lee and Maj.Westwood, in the course of which it was suggested that an early visit by Maj.Westwood to Toscana Region, in connexion with certain problems of water supply and land drainage, would be welcomed.

2. In view of pressure of work in this Headquarters, it would be appreciated if you would first enumerate the problems that make a special visit desirable, give some idea of their nature and magnitude, and let us know what information, if any, it would be well to ascertain from the Hq. Reference Library or other sources beforehand.

3. When we have more specific justification we will do our best to errange for the desired visit to be made.

By Command of Rear-Admiral Stone.

2477

W.H.LAPPER
Lt-Colonel
Chief Elec. Div.

Copy to File-159.

Declassified E.O. 12356 Section 3.3/NND No. 785019

File

RECEIVED
P.W. & U. SUB-C A.C.
20 DEC 1944 062

HEADQUARTERS
ALLIED COMMISSION
SARDEGNA REGION

17th December 1944.

20

Ref. Iptn/1610.

Subject : Electric Motors and Pumps -
Filettole Pumping Station -
Leghorn Water Supply.

To : H.Q., Allied Commission.
Attn. Public Works and Utilities Sub-Commission.

Folio 9

Reference your letter (Reference 062/ /PWU) of 1st December 1944, this Headquarters has made enquiries locally and has been informed that no pumps of the desired capacity and power exist on the island of Sardinia.

For the Regional Commissioner,

Lt Col Draper

G. F. I. WAGSTAFF.
Captain.
Secretariat.

GFIW/cjm

Folio 9 refers

Maj Bertram 2476

see my general letter to all regions on this subject

Declassified E.O. 12356 Section 3.3/NND No. 785019

HEADQUARTERS
ALLIED COMMISSION
SARDEGNA REGION

17th December 1944.

Ref. Iptn/1610.

Subject : Electric Motors and Pumps -
Filettole Pumping Station -
Leghorn Water Supply.

To : H.Q., Allied Commission.
Attn. Public Works and Utilities Sub-Commission.

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For the Regional Commissioner,

G. F. R. WAGSTAFF.
Captain.
Secretariat.

GFRW/cjm.

2475

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Extn.317.

file HWW/sg

19

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 19 Dec.44.

SUBJECT : Assistance of an Officer from Headquarters.

TO : Regional Commissioner, Toscana Region. (Attention: Regional Engineer).

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3. When we have more specific justification we will do our best to arrange for the desired visit to be made.

By Command of Rear-Admiral Stone.

24747

W.H.LAPPER
Lt-Colonel
Chief Elec. Div.

Copy to File 159.

18

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
TUSCANY REGION
PUBLIC WORKS AND UTILITIES DIVISION.

RECEIVED
P.W. & U. S/C A.C.
10 DEC 1944 062 CT

PWU1/100/SIR/4 7.DEC.1944

SUBJECT : Water Supply Prato.

TO : P.C. Florence Province.

1. Reference your P.C./09 of 30 Nov. 44.

2. The situation with regard to the supply of water was discussed in detail with S.C.A.O. 5th Army A.M.G. on 13 Nov.44, when it was pointed out that the increased offtake by army units was likely to force local civilians to use unsatisfactory wells as the only alternative. It was agreed that 5th Army A.M.G. would endeavour to obtain a reduction in the military offtake, and that the two local aqueducts should be surveyed with a view to repair.

3. This Office has approved a project for the repair of the smaller aqueduct at an estimated cost of 822,000 Lire, and work is in hand on a 24 hr. basis with a target date of 1 Jan. 45.

4. The larger aqueduct is a long term job, and entails a considerable amount of preparatory work including the testing of the pipe-line at the tunnels on the railway line along which the aqueduct runs. This is now in hand, and the decision as to the practicability of reinstatement under the present scale of availability of stores will be based upon the reports obtained of the tests.

2473

5. The Public Health and the Engineer Divisions of 5th Army A.M.G. are informed and I am also sending a copy of this letter to R.P.H.O. Tuscany Region for advance information as to the long term project.

Declassified E.O. 12356 Section 3.3/NND No. 785019

To : [redacted] F.O. Florence Province.

1. Reference your F.O./89 of 30 Nov. 44.

2. The situation with regard to the supply of water was discussed in detail with S.C.A.O. 5th Army A.M.G. on 13 nov.44, when it was pointed out that the increased offtake by Army units was likely to force local civilians to use unsatisfactory wells as the only alternative. It was agreed that 5th Army A.M.G. would endeavour to obtain a reduction in the military offtake, and that the two local aqueducts should be surveyed with a view to repair.

3. This Office has approved a project for the repair of the smaller aqueduct at an estimated cost of 52[illegible].000 lire, and work is in hand on a 24 hr. basis with a target date of 1 Jan. 45.

4. The larger aqueduct is a long term job, and entails a considerable amount of preparatory work including the testing of the pipe-line at the tunnels on the railway line along which the aqueduct runs. This is now in hand, and the decision as to the practicability of reinstatement under the present state of availability of stores will be based upon the reports obtained of the tests.

2473

5. The Public Health and the Engineer Divisions of 5th Army A.M.G. are informed and I am also sending a copy of this letter to M.F.A.A.S. Toscana Region for advance information as to the long term project.

A.G. Hunter Lt Col
Ag Col Regional
Rec'd 11/12
Rec'd 19/12

[redacted]
[redacted]
REGIONAL ENGINEER

Copy to:

S.C.A.O.5th Army A.M.G.
(Inform. Public Health & Engineer Division)
M.F. Toscana Region
(attn. M.F.A.A.S.)
Director F.W.I.U. Sub-Commission
Allied Commission A.F.H.Q. Italy.
(attn. Lt. Col. Thompson)

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
CW & U S/C A.C.
19 DEC 062

5923
17.

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. E-1

17 December 1944

SUBJECT: Electric Motors and Pumps

TO : Headquarters, Allied Commission, APO 394
(Attn: Public Works & Utilities Sub-Commission)

11

1. Reference our letter E-1 of 7 Dec enclosing letter AG 412.3 BG ENG of 30 Nov, from Commanding Officer PBS.

2. We are now advised that the Director of Works AAI is not able to supply the pump units required for the Filettole Station.

3. Please furnish this headquarters with information upon which to base a reply to the Commanding Officer PBS.

For the Acting Assistant Chief of Staff, G-5:

R.V. GRADY
Captain, T.C.
Econ & Supply Div.

Copy to: G-4. (Att: Maj. Atkinson)

Lt Col Hopper
Please prepare an answer for my sig.

2472

See also Folios 11, 5, 10, 13, 15, 16, 20

Folio 24 refers.

Refer draft 19 Dec

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. E-1

17 December 1944

SUBJECT: Electric Motors and Pumps

TO : Headquarters, Allied Commission, APO 394
(Attn: Public Works & Utilities Sub-Commission)

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2. We are now advised that the Director of Works AAI is not able to supply the pump units required for the Filettole Station.

3. Please furnish this headquarters with information upon which to base a reply to the Commanding Officer PBS.

For the Acting Assistant Chief of Staff, G-5:

R.V. CRADY
Captain, T.C.
Econ & Supply Div.

Copy to: G-4. (Att: Maj. Atkinson)

2471

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

RECEIVED
P.W. & U[illegible]/C A.C.
15 DEC 1944 062

16

ALLIED COMMISSION
SICILIA REGION HQ.
APO 394

DAB/cb

11. Dec. 44.

In reply refer to : RTC 075.

SUBJECT : Electric Motors and Pumps.

TO : Public Works and Utilities Sub-Commission.

9

1. Reference your 062/PWU dated 1. Dec 44.

2. Enquires have been made and it is regretted that there is no suitable equipment available here.

For the Regional Commissioner.

DAVID A. BOYD
Major R.E.
Regional Engineer.

Lt Col Rayburn
Dec 15/12

2470

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
17 DEC 1944 062

15

HEADQUARTERS
AMG/AC
ABRUZZI-MARCHE REGION
C. M. F.

TO : HQ.AC,PW & U Sub Commission.

SUBJECT : Electric Motors and Pumps for Filettole Pumping Station, Leghorn water Supply.

REF : R5/515/15.

DATE : 15 Dec 1944.

HEADQUARTERS
17 DEC 1944
AMG

In reply to Your letter of 1 Dec. ref 062/_/PWU investigations made to date have failed to produce any pumping equipment suitable for the above installation.

For the Regional Commissioner :

C. A. Latimer

C. A. LATIMER
Lt. Col. C. E.
Regional Engineer

JEF/edf.

2669

3486

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED CT
OPW & U S/C A.C.
14 DEC 062

Roma, 8 DIC. 1944 193 A 14

Ministero dei Lavori Pubblici

CONSIGLIO SUPERIORE

Direzione Generale Servizi Tecnici
Ispett. Gen.le Elettricità-Acqua-Gas

Al Soc. Italiana per Condotte d'Acqua Via di Propaganda n.3 ROMA

e p.c.
Headquarter's Allied Commission Subcommission Public Works and Utilities A.P.O. 394 - Via ROMA

Ispett. Gen. Elettricità-Acqua Gas NAPOLI

Registrata nota del

OGGETTO Società per condotte d'acqua. Esercizio acquedotto di Salerno.

In ordine alla vostra domanda per aumento delle tariffe dell'acqua potabile nella città di Salerno, d'intesa con la Commissione Alleata si comunica che cotesta Società è autorizzata a mantenere inalterato sino alla fine del c.a. il sovraprezzo già consentito del 100% e ad applicare invece un sovraprezzo del 150% sulle vendite relative ai primi due trimestri del prossimo anno 1945. Detti aumenti percentuali saranno da applicare anche alle tariffe relative alle tubazioni e apparecchi vari di cui alle tabelle A,B,C,E,F,G,H,I, annesse al regolamento in vigore al 1° luglio 1926, prendendo come punto di partenza i prezzi già concordati col Comune di Salerno.

Per quanto riguarda i lavori per conto degli utenti di cui alla tabella D del citato regolamento, potranno essere applicati i prezzi in vigore all'epoca dell'esecuzione maggiorati del 10% per spese generali con l'obbligo di far vistare le fatture relative dall'Ufficio tecnico comunale di Salerno per accertare la congruità dei prezzi.

2468

Invariati dovranno rimanere in ogni caso i noli dei contatori e rubinetti tassati di cui all'art.21 del citato regolamento.

Del nuovo aumento da applicare per il venturo anno dovrà essere dato sollecito avviso ai consumatori - sia per mezzo della stampa sia per mezzo di comunicazioni unite alle bollette di attuale ri-

p.s. Dr Col Prefetto Pleonote + Tele Tor. 15/12 ./.
Entrata in Registro Roma 23/2

Declassified E.O. 12356 Section 3.3/NND No. 785019

successione. Nessun riferimento dovrà essere fatto ad ordini o disposizioni della Commissione Alleata o del Governo Militare Alleato.

Si resta in attesa di copia della bolletta - tipo e dell'avviso di cui al comma precedente.

IL MINISTRO

T 232/5

Declassified E.O. 12356 Section 3.3/NND No. 785019

(Translation)

Rome 8 Dec. 1944

MINISTRY OF PUBLIC WORKS
Direzione Generale Servizi Tecnici
Ispett. Gen. Elettricità-Acqua-Gas.

TO : "Società Italiana per
Condotte d'Acqua"
Via di Propaganda 3

ROMA

Att : H.Q.A.C. Public Works & U.
Sub-Commission A.P.O. 394
Via Veneto

ROMA

Ispett.Gen. Elettricità -
Acqua - Gas.

NAPLES

Subject : Società per Condotte d'Acqua -
Salerno Water works.

According to your request for increase in potable water rates in Salerno city, in agreement with the Allied Commission, I inform you that your Company is authorized to maintain unchanged up to the end of the present year the already allowed surcharge of 100%, and to apply, instead, a surcharge by 150% on the sales relating to the first two quarters of next year 1945 - Such surcharges are also to be applied to the rates relating to pipes and various apparatuses as per tables A, B, C, E, F, G, H, I, enclosed in the regulation in force on 1st July 1926, starting from the prices already agreed about with Salerno Commune.

As regards the works on behalf of the consumers as per table D of the above mentioned regulation, You are allowed to apply the prices in force when the works have been carried out, surcharged by 10% for general expenses, under the obligation to have the relative invoices registered by the Communal Technical Office in Salerno in order to ~~ascertain~~ accertare the congruity of prices. 4567

The hire of the meters and the tax on the taps as per art. 21 of the above mentioned regulation are not to be changed.

You must ~~notify~~ notify the consumers, in advance, of the new surcharge to be applied for the next year; either by Press or by

Declassified E.O. 12356 Section 3.3/NND No. 785019

communications enclosed with the bills to be cashed at présent. You must nor refer to any order or provision of the Allied Commission or Allied Military Government.

We are awaiting a copy of the bill-semple or of the above mentioned notification.

The Minister

(Sgd.) Mancini.

2456

Declassified E.O. 12356 Section 3.3/NND No. 785019

Headquarters Emelia Region
ALLIED MILITARY GOVERNMENT
A P O 394

WMS/s

RECEIVED 9
P W & U S/C A.C.
14 DEC 1944 062

13

Reference: RIX/PU/03

Subject: Electric Motors and Pumps - Filettole Pumping Station - Leghorn Water Supply.

Attention: Col. Lapper,
Chief Elect. Div.

To: Director, Public Works and Utilities Sub-Commission,
Headquarters A. C., APO 394.

1. Reference is made to your letter of 1 Dec.44 062/PWU on the above subject.

2. All of Emelia Region occupied is in the 8th Army zone, and all available equipment is needed for military operations.

3. Due to damage done ti plant equipment of all kinds it is expected that there will be a drastic shortage of all kinds of engines, pumps and motors in the area. You will be advised of the situation at the earliest possible time.

FOR THE REGIONAL COMMISSIONER.

William M. Spann, Major AUS
Regional Engineer Officer.

Lt Col Lapper
Ref 15/12
What further action can we take on Col Butterworths Letter.
Our Ref. 2466
Visit 15 Dec 26/27th Dec

See Folio 24

Declassified E.O. 12356 Section 3.3/NND No. 785019

Headquarters Emelia Region
ALLIED MILITARY GOVERNMENT
A P O 394

WMS/s

Reference: RLX/PU/03

Subject: Electric Motors and Pumps -
Filattole Pumping Station -
Leghorn Water Supply.

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Chief Elect. Div.

To: Director, Public Works and Utilities Sub-Commission,
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FOR THE REGIONAL COMMISSIONER.

William M. Spann, Major AUS
Regional Engineer Officer.

2465

RECEIVED G
P.W. & U. SUB-C.C.
12 DEC 062

Mod.28

12

Roma, 4 DIC 1944 19 A

Ministero dei Lavori Pubblici

DIREZIONE GENERALE
DELL'URBANISTICA E DELLE OPERE IGIENICHE

Alla Sottocommissione dei
LL.PP. e Pubblici Servizi
della Commissione Alleata
A P O 394

Sez. Div.XIX^
Prot. N.° 641 Allegati

Rispostaal/a N.° ACC/062/PW
del 17.10.1944 - Folio 166
old file 062

OGGETTO : Ente Autonomo per l'Acquedotto Pugliese. -

translation attached

In relazione alla lettera sopracitata, si comunica che l'Amministrazione dell'Ente Autonomo per l'Acquedotto Pugliese è attualmente affidata ad un Commissario straordinario, nominato con decreto del Prefetto di Bari in data 7 Ottobre 1943, nella persona dell'Ispettore Generale del Genio Civile, Ing.Alberto DE ROMANIS.

Questo Ministero sta, però, provvedendo alla ricostituzione della gestione ordinaria di tale Ente, mediante la nomina del nuovo Consiglio di Amministrazione, del Presidente e

Declassified E.O. 12356 Section 3.3/NND No. 785019

DIREZIONE GENERALE
DELL'URBANISTICA E DELLE OPERE IGIENICHE

LL.PP. e Pubblici Servizi
della Commissione Alleata
A P O 394

Sez. Div.XIX^a
Prot. N.° 641 Allegati

Rispostaal/f. N.° ACC/062/PWB
del 17.10.1944 - Folio 166
old
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Translation attached

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Questo Ministero sta, però, provvedendo alla ricostituzione della gestione ordinaria di tale Ente, mediante la nomina del nuovo Consiglio di Amministrazione, del Presidente e del Vice Presidente dell'Ente medesimo.

E' stato, infatti, già predisposto per l'approvazione del Consiglio dei Ministri lo schema di decreto luogotenenziale relativo alla nomina del Presidente e del Vice Presidente dell'Ente in parola.

2464

Si può quindi assicurare che, quanto prima l'Amministrazione dell'Ente, che, d'altronde, anche attualmente svolge con regolarità ed alacre interesse i compiti attribuitile, sarà normalizzata.-

D.R.

Col Rapper
Ass. 13/12

./.

Mr. Tortwood

See Folios
131, 148, 165 & 166
in old file.

Declassified E.O. 12356 Section 3.3/NND No. 785019

Per quanto poi riguarda la Direzione tecnica dell'Ente, essa è attualmente affidata, con incarico speciale di carattere temporaneo, all'Ingegnere Capo del Genio Civile Comm. PALAZZO, dato che, come è noto, il titolare Ing.CELENTANI-~~UGARO~~ venne, nel maggio u.s., sospeso dall'incarico a seguito dei provvedimenti adottati per la defascistizzazione delle pubbliche Amministrazioni.

La posisione del detto Ingegnere è stata ora sottoposta, come da comunicazione già data, all'esame della Commissione di epurazione di questo Ministero, la quale è incaricata di pronunciarsi anche sul personale in servizio presso il menzionato Ente.

Solo dopo, quindi, che la detta Commissione avrà emesso il suo giudizio, la questione potrà essere definitivamente risolta.

In ogni modo, fino ad ora non risulta a questo Ministero che si siano verificati nell'esercizio dell'Acquedotto inconvenienti che possano attribuirsi alla temporanea vacanza del posto di titolare della Direzione dell'esercizio stesso.-

IL MINISTRO

Bucci

Declassified E.O. 12356 Section 3.3/NND No. 785019

Declassified E.O. 12356 Section 3.3/NND No. 785019

TRANSLATION

Ministry of Public Works
General Direction of
"Urbanistica" & Sanitary Works.

Div.XIX.
Prot.N.641.

Rome, 4th December 1944.

To : P.W.& U. Sub-Commission
A.P.O. 394 - A.C.

Subject : Autonomous Body for the Apulian Aqueduct.

Answer to note N.ACC/062/PWU. of 17th October 1944.

With regard to the abovementioned letter, we inform you that the Administration of the Autonomous Body for the Apulian Aqueduct is at present entrusted to a Special Commissioner, nominated by decree of the Prefect of Bari dated 7th Oct.1943, in the person of the Genio Civile General Inspector, Eng.Alberto DE ROMANIS.

This Ministry is, however, providing for the reconstruction of the ordinary management of this Body, by means of the nomination of the new Board of Directors, of the President & of the Vice-President of the Body itself.

In fact the draft of the decree of the Lieutenant General of the Realm relating to the nomination of the President and of the Vice-President of the Body in question, has already been prepared for the approval of the Council of Ministers.

We can, therefore, assure you that the Administration of the Body, which, however, carries out the tasks entrusted to it with regularity and zeal even now, will be regularized as soon as possible.

Then, as regards the Body's Technical Direction, it is at present entrusted to the Chief Engineer of the Genio Civile, Comm.PALAZZO, by a special appointment of a temporary nature, in view of the fact, that as is well-known, the principal, Eng.CELENTANI-UNGARO was suspended from the appointment last May, in consequence of the measures taken to defascistize Public Administrations.

The position of said Engineer has now been submitted, as we informed you, to the examination of this Ministry's Epuration Commission, which is also charged with passing judgement on the personnel attached to the abovementioned Body.

2463

Declassified E.O. 12356 Section 3.3/NND No. 785019

Only after said Commission has pronounced judgement, therefore, will we be able to settle the question finally.

In any case, up to the present, this Ministry is not aware that any inconveniences, ascribable to the temporary vacancy of the post of principal of the Concern's Direction, have occurred in the working of the Aqueduct.

for the Minister
(signed: Bruno)

4662462

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
A.W. & U. S/C A.C.
9 DEC 1944 062

CONFIDENTIAL

5102

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

Ref. E-1

7 December 1944

SUBJECT: Electric Motors & Pumps

TO : Headquarters, Allied Commission, APO 394
(Attn: Public Utilities Sub-Commission)

1. Attached is letter AG 412.3 BPENG of 30 Nov from the Commanding Officer Penbase to the Commanding General MTOUSA advising that certain equipment is required to continue the operation of the pump station at Filettole.

2. It is requested that the AC take necessary action in line with para 5 of the above quoted letter.

3. The matter is also being referred to the Director of Works AAI.

For the Acting Assistant Chief of Staff, G-5:

J.E. BUTTERWORTH
Colonel, G.S.C.
Economics & Supply Division

Incl: As above.

HEADQUARTERS
44 2461

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

COPY

CONFIDENTIAL

HEADQUARTERS
PENINSULAR BASE SECTION
APO 782

AG 432.3 BPENG

30 Nov 1944

SUBJECT: Electric Motors and Pumps.

TO : Commanding General, Mediterranean Theater of Operations, USA, APO 512.

1. The pump station at Filettole, coordinated 511.5-376.5, Italy 1/50,000, sheet 109-II, Pisa, is the principal source of water for Leghorn. All pumps and motors in the system were destroyed by enemy demolition.

2. The pump station has been rehabilitated by installing gasoline engine driven gasoline pumps from U. S. Army stock and is now in operating condition. The gasoline engine driven pumps are, however, a temporary installation and should be replaced with electric motor driven pumps as soon as possible.

3. Electric power will be available at Filettole Pump Station on or about 20 November 1944. Local power in this area is three phase, 50 cycle, and motors should preferably operate at 260 volts.

4. The pump-motor groups required for the Filettole Pump Station are as follows:

a. Two pump-motor groups with pump capacity of 50 litres per second (800 g.p.m.) against a head of 10 meters; or one pump-motor group with pump capacity of 100 litres per second (1600 g.p.m.) against a head of 10 meters.

b. One pump-motor group with pump capacity of 100 litres per second (1600 g.p.m.) against a head of 145 meters.

c. One pump-motor group with pump capacity of 50 litres per second (800 g.p.m.) against a head of 145 meters.

d. In lieu of the two groups described in paragraphs 4b and 4c, one pump-motor group with pump capacity of 125-150 litres per second will be satisfactory.

5. To date Penbase has been unable to locate suitable electric motor driven pumps with which to replace the temporary installation of gas engine driven gasoline pumps. In view of the civilian power for permanent restoration of the Filettole pump station it is recommended that the Allied Commission be requested to take such steps as necessary to effect the procurement either locally or in the United States of the required electric motor-driven pumps. Penbase will assist by continuing its search and it is suggested that the assistance of the Director of Works A.A.I. also be solicited.

(Sgd) FRANCIS H. OCK
Colonel, Corps of Engineers
Commanding.

Declassified E.O. 12356 Section 3.3/NND No. 785019

C O N F I D E N T I A L

Rel.489081

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

LWI/ac

Reference : 062/ /PWU
Subject : Electric motors and pumps - Filettole Pumping Station - Leghorn Water Supply

1 Dec. 44

To : HQ P.B.S. FORWARD ECHELON - APO 782

1) - Reference your letter 18 Nov. 44 - File AG 475.4 BPENG FWD.

2) - Your letter is being circulated to all our Regional Engineers requesting that they check to determine if the motor pumping equipment of the described charateristics is available.

3) - We will inform you the results of the search.

W.M.LAPPER
Lt-Colonel
Chief Elec.Div.

B/F 5 JAN

See folio 11

16/1/45

C O N F I D E N T I A L

folio 13 refers

Declassified E.O. 12356 Section 3.3/NND No. 785019

File 9

CONFIDENTIAL

Vol. 480051

HEADQUARTERS ALLIED COMMISSION

A.F.H.Q. 394

Public Works and Utilities Sub-Commission

Reference : 062/ /PWU 1 Dec. 44
Subject : Electric motors and pumps -
Filettole Pumping Station -
Leghorn Water Supply

To : REGIONAL COMMISSIONER SICILY REGION (Attn Reg. Eng.)
REGIONAL COMMISSIONER SARDINIA REGION (" " ")
REGIONAL COMMISSIONER SOUTHERN ITALY (" " ")
REGIONAL COMMISSIONER LAZIO-UMBRIA REG. (" " ")
REGIONAL COMMISSIONER MARCHE-ABRUZZI REG. (" " ")
REGIONAL COMMISSIONER TOSCANA REGION (" " ")
REGIONAL COMMISSIONER EMILIA REGION (" " ")

1) - It would be greatly appreciated if you would cause a check to be made in your Region to determine whether there is any equipment with the charateristics given in the attached letter from F.B.S. that could be utilized at the Filettole Pumping Station.

2) - If you can locate equipment that approximates the charateristics desired please give us complete details.

3) - Please let us know whether or not you are successful in locating the equipment.

13, Folios 15 & 16 one replies

W.H.LAFFER
Lt-Colonel
Chief Elec.Div.

Folios 5, 10 and 11 also refer

Enclosure :
letter 18 Nov. 44 from FBS

2659

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

RECEIVED
P.W. & U. S/C A.C.
2 DEC 1944
062.

8

Chief Clerk.

Please place this semi-official letter on file 062 and keep it for the Director, as he may refer to it in coming letters.

To : Major Westwood, A.C. Rome
From : Major J.S.Bennett,Eng.Sect.Reg.5.
Subject : Water systems.
Date : December 1 - 1944.

The construction of the two reservoirs at Chieti has stopped,because the contractor has used up his funds and the Finance Section has not released funds to complete the work. We are trying to get Region Finance Section to release funds now,so this job can be completed. The freezing was caused by the change over to the Italian Government. I will follow this through and see that the construction is finished. This can be done in one month after the work is resumed. The job is about half complete.

The construction of the one reservoir at Francavilla is in about the same condition as Chieti,except that the job is not as far advanced. As this job is smaller, it can be finished in about one month.

The pipe line to the South section of Pescara is finished. This feeds half of Pescara as well as a number of Communes along the way,including Francavilla. A pipe is being run across Pescara River so as to connect the two supplies. When this is done,it will give a better supply to the whole city of Pescara. Pescara has water now practically all over the city. There are a number of houses however where water cannot be turned on,because the pipes are broken. These will be connected as quickly as the pipes in the houses are repaired.

There are a large number of Military Units in Chieti and Pescara taking water from these supplies.

Lt Col Rapper
Please review & see what is needed to be done
4/12

J.S.Bennett,
Major,Eng.Sect.,Reg.5.

2458

4/12

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Extn.317.

HWW/sg

7

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 24 November 1944.
SUBJECT : LITTORIA - Repair of Waterworks.
TO : Regional Commissioner, Lazio-Umbria Region. (Attn: Regional Engineer).

(4)

1. Ref. our letter 062/PWU. of 22 Nov.44.

2. With that letter we enclosed, inter alia, a copy of a letter dated 22 Nov., addressed to the Ministry of Public Works. Please destroy that enclosure and substitute the copy letter herewith, dated 24 Nov.

H. W. WESTWOOD
MAJOR, R.E.

W.M. LAPPER
Lt-Colonel
Chief Util.

Enclosure: Copy of letter of even ref. and date addressed to Min. of Public Works.

2657

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel.Extn.320. HW+/ sg

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

REFERENCE : 062/PWU. 24 November 1944.
SUBJECT : LITTORIA - Repair of Weterworks.
TO : Ministry of Public Works, Italian Government. (Attn: Dir.Gen. dei Servizi Tecnici).

3A

1. Reference your letter No.1776 of 9 Nov.44.

2. We return herewith one copy of form AC/1, approved, in respect of each of the schemes 1,2,3 and 4. We also return the estimates.

3. Schemes 5,6,7 and 8 are returned to you for decision at your own discretion, in accordance with our letter No.126/PWU. of 18 Nov.44, copies of which were sent both to the Minister of Public Works and to the Director General.

4. We ask you to consider very carefully whether these schemes are sufficiently urgent to be approved for execution at the present time, especially in view of the greater urgency of numerous other water supply repairs, as mentioned in the last paragraph of the Regional Engineer's letter, No.R4/ENG/101-135 of 12 Sep.44, a copy of which is returned herewith. We also ask you to consider very carefully the estimates submitted for schemes 5 and 6, because the prices of both appear to us to be grossly excessive.

L.A. JENNY
Lt-Colonel, C.E.,
Director.

Enclosure: Folder of documents.

Copy to Regional Engineer, Lazio-Umbria.

245655

Declassified E.O. 12356 Section 3.3/NND No. 785019

CONFIDENTIAL

Revised 400.5

RECEIVED
P.W. & U. S/C A.C.
25 NOV 1944 062

HEADQUARTERS
PENINSULAR BASE SECTION
FORWARD ECHELON
APO 782

AG 475.4 BPENG FWD

18 November 1944.
Copy placed on 158.

SUBJECT: Electric Motors and Pumps.

TO : Chief Commissioner, Allied Control Commission, APO 396.

1. The pump station at Filettole, coordinates 511.5-376.5 Italy 1/50,000, sheet 104-II, Pisa, is the principal source of water for Leghorn. All pumps and motors in the system were destroyed by enemy demolition.

2. The pump station has been rehabilitated by installing gasoline engine driven pumps from U.S. Army stock and is now in operating condition. The gasoline engine driven pumps are, however, a temporary installation and must be replaced with electric motor driven pumps as soon as possible.

3. Electric power will be available at Filettole Pump Station about 20 November 1944. Local power in this zone is three phase, 50 cycle, and motors should preferably operate at 260 volts.

4. The pump-motor groups required for the Filettole Pump Station are as follows:

a. Two pump-motor groups; pump capacity 50 litres per second (800 g.p.m.) against a head of 10 meters; or one pump-motor group; pump capacity 100 litres per second (1600 g.p.m.) against a head of 10 meters.

b. One pump-motor group; pump capacity 100 litres per second (1600 g.p.m.) against a head of 145 meters.

c. One pump-motor group; pump capacity 50 litres per second (800 g.p.m.) against a head of 145 meters.

d. In lieu of sub-paragraphs b. and c. above, one pump-motor group; pump capacity 125-150 litres per second will suffice.

5. Your assistance is requested in locating and procuring the necessary pumps as listed in paragraph 4 above. Search in the Leghorn Area has so far failed to locate adequate pumps.

For the Commanding Officer:

2455

D. W. MASTIN,
Major, AGD,
Asst Adj Gen.

25 NOV 1944

A. C.

Col Lapsley
This is under investigation by our officers
DCS
Lt Col Rapperswil
Pls handle Ref 25/11

CONFIDENTIAL

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 478200

HWW/bb

4

HEADQUARTERS ALLIED COMMISSION
AFO 394
Public Works and Utilities Sub-Commission

062/PWU

22 Nov 44

SUBJECT: LITTORIA. - Repair of waterworks.

TO : Regional Commissioner, Lazio-Umbria Region.
(Attn: Refional Engineer).

1. Reference your letter R4/ENG/101.135 of 12 Sep 44. addressed to the Isp. Gen. Compartimentale.

2. The schemes referred to have been submitted to this Sub-Commission by the Italian Ministry of Public Works.

3. We have approved schemes 1, 2, 3 and 4, but have returned schemes 5, 6, 7 and 8 to the Ministry, for decision according their own discretion, calling attention to your observations and also pointing out that the estimates for schemes 5 and 6 are grossly excessive.

4. Forms AC/1, approved, in respect of schemes 1, 2, 3 and 4, are enclosed herewith.

5. We also send you a copy of our reply to the Ministry.

By Command of Commodore Stone.

W.M. LAPHER,
Lieut-Colonel,
Chief Elect. Div.

Enclosures: Four Forms AC/1
Copy of letter of even ref. and date to Italian Ministry of Public Works.

2654

folio 7 refers

9 NOV Roma

062/C2 b 2-6

9 NOV 1944 194

MINISTERO
DEI
LAVORI PUBBLICI
Dir.Ge,. Dei ~~Servizi~~ Tecnici

Al Lt. Col. I.A. JENNY
Direttore della Sottocommissione
Lavori Pubblici e Servizi dell'A.C.
R o m a

3A

Prot. N. 1476 Div.
Allegati N.
Risposta al foglio del
Div. Sez. N.

OGGETTO Comune di Littoria - Lavori di riparazione dell'acquedotto di Littoria -

Per l'approvazione definitiva dell'On. Quartier Generale, si trasmettono un riepilogo generale e numero otto perizie in data 16 agosto 1944 dell'importo complessivo di L. 5.449.500, compilati dall'Ufficio Tecnico del Comune di Littoria e relativi ai lavori indicati in oggetto.

Gli elaborati sono stati preventivamente approvati dall'Ingegnere Regionale come dall'unito rapporto 12 settembre 1944.

Si resta in attesa della cortese restituzione degli elaborati medesimi con l'approvazione definitiva.

IL DIRETTORE GENERALE

Declassified E.O. 12356 Section 3.3/NND No. 785019

Prot. N. 1776 *Div.* .....
Allegati N. .....
Risposta al foglio del .....
Div. ..... *Sez.* ..... *N.* .....

OGGETTO Comune di Littoria - Lavori di riparazione dell'acquedotto di Littoria -

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Gli elaborati sono stati preventivamente approvati dall'Ingegnere Regionale come dall'unito rapporto 12 settembre 1944.

Si resta in attesa della cortese restituzione degli elaborati medesimi con l'approvazione definitiva.

IL DIRETTORE GENERALE

Crispiano

Uno 6 copies

2453

Declassified E.O. 12356 Section 3.3/NND No. 785019

File 062

3B

QUARTIER GENERALE REGIONE IV
COMMISSIONE DI CONTROLLO ALLEATA
(Divisione Ingegneri)
APO 394

Roma 12/9/44

All'Ispettore Generale Compartimentale del Genio Civile per il Lazio e l'Umbria - via Monzambano

R O M A

OGGETTO: Littoria - riparazioni dell'acquedotto
Nella risposta citare R4/ENG/IOI.I35
Riferimento a vostra lettera 1948 del 9/9/44

1- l'approvazione "di principio di questo schema è accordata per la spesa come segue :

a) riparazione della condotta adduttrice e della rete di distribuzione	L. I50.000
b) installazione provvisoria di 2 pompe in località Littoria scalo Ninfa	58.000
c) installazione provvisoria di un gruppo elettropompe nella centrale Ninfa	18.000
d) riparazione del muro di ritenuta della Centrale elettrica di Ninfa	56.000
e) sistemazione definitiva della condotta adduttrice da Ninfa a Littoria	1.100.000
f) fornitura e installazione di due nuove elettropompe e sistemazione definitiva della centrale di Ninfa	2.750.000
g) ricostruzione definitiva delle installazioni elettriche nella centrale di Ninfa	30.000
h) riparazione del vecchio serbatoio di Littoria	1.287.500
In totale	L.5.443.500

2- Dopo l'approvazione del Ministero sarà necessaria l'approvazione defini-

Declassified E.O. 12356 Section 3.3/NND No. 785019

Nella risposta citare R4/ENG/IOI.135
Riferimento a vostra lettera 1948 del 9/9/44

1- l'approvazione "di principio di questo schema è accordata per la spesa come segue :

a)	riparazione della condotta adduttrice e della rete di distribuzione	L. I50.000
b)	installazione provvisoria di 2 pompe in località Littoria scalo Ninfa	58.000
c)	installazione provvisoria di un gruppo elettropompe nella centrale Ninfa	18.000
d)	riparazione del muro di ritenuta della Centrale elettrica di Ninfa	56.000
e)	sistemazione definitiva della condotta adduttrice da Ninfa a Littoria	1.100.000
f)	fornitura e installazione di due nuove elettropompe e sistemazione definitiva della centrale di Ninfa	2.750.000
g)	ricostruzione definitiva delle installazioni elettriche nella centrale di Ninfa	30.000
h)	riparazione del vecchio serbatoio di Littoria	1.287.500
	In totale	L.5.449.500

2- Dopo l'approvazione del Ministero sarà necessaria l'approvazione definitiva del H.Q. (P.W.U.) Quartiere Generale APO 394 (Lavori e Servizi Pubblici)/

2652

3- OSSERVAZIONI :

1) Questi lavori sono tutti ritenuti necessari in futuro.

2) Sarebbe necessaria una spiegazione circa il n. I (lettera a) I50.000, giacchè questo lavoro fu eseguito in giugno alle dipendenze della 5ª Armata e avrebbe dovuto essere regolarizzato due mesi fa.

Non è stata sottoposta alcuna richiesta di regolarizzazione e si è ritenuto che esso era stato finanziato dalla 5 Armata a suo tempo.

./.

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3) Richiamo la vostra attenzione sui molti problemi esistenti per l'approvvigionamento d'acqua a sud di Littoria, per i quali in mancanza di alcuna iniziativa del Genio Civile furono ottenuti e mandati a voi i primi di agosto, esaurienti relazioni del Prof. Colosimo. La situazione di questi abitati è molto peggiore di quella di Littoria che, a me pare, sta richiamando una indebita parte di attenzione.

F.to FINDLAY

Allegati:8 stime
Copie p.c. a:
H.Q. (Sottocommissione dei i Lavori e Servizi Pubblici)
Commissario Provinciale della Provincia di Littoria).
Ingegnere Capo del Genio Civile di Littoria

Per copia conforme
L'Ispettore Gen.di Compartimento
F.to Fraschetti

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Tel. 478200

HWW/h

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utili ties Sub-Commission

062/ /PWU

16 Nov 44

SUBJECT: Francavilla al Mare. - Repairs to Reservoir.

TO : Regional Commissioner, Abruzzi-Marche Region.
(Attention: Regional Engineer)

1. Reference your letter R5/517/ 15 of 11 Nov 44.

2. Thank you for your remarks.

3. One copy of Form ACC/2, approved and countersigned, is returned to you herewith.

H. W. WESTWOOD
MAJOR, R.E.

for W.M. LAPPER,
Lieut-Colonel,
Chief Electrical Division.

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Declassified E.O. 12356 Section 3.3/NND No. 785019

12 Nov Sent
obz Ceb.

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HEADQUARTERS
AMG. AC.
ABRUZZI-MARCHE REGION
CMF.

R5/5I7/I5. II Nov. I944.

TO : HQ,AC,PW and U. Sub_Commission.

SUBJECT : Francavilla al Mare. Repairs to reservoir.

Herewith completed ACC/2 in triplicate for your approval.

The confusion caused by Covajes mixing_up this project with the similar one for Chieti has been cleared and I am much obliged for Maj. Westwoods' note on the subject.

For the Regional Commissioner :

J.E. FODEN
Major,
for Regional Engineer.

Note for paper
for review and action
Dft 13/11

HEADQUARTERS
12 NOV 1944
A. C.

Folio 3 ref:

Rel'd draft
15 Nov
Hmay

9603

1265

Declassified E.O. 12356 Section 3.3/NND No. 785019

Tel. 478200

HWW/mc

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

062/ 1 /PWU

6 Nov. 44

SUBJECT : CHIETI Reservoir Repairs.

TO : Reg. Commissioner, Abruzzi-Marche Region.
(Attention: Regional Engineer).

1. Reference your letter R5/517/15, dated 30 Oct.44.

2. Ing. Covajes of the Genio Civile, Chieti, called at this Hq. on 3 Nov. in the hope of seeing Lt.Col. Latimer who, however, was not here.

3. Ing. Covajes explained to Maj. Westwood that the scheme which was submitted and approved for the water supply of FRANCAVILLA A MARE is in fact quite in order. The Form ACC/2, however, which was submitted bearing the name of that scheme relates actually to the CHIETI water supply scheme. Therefore, the only alteration that is required is in the name of the scheme on the Form ACC/2.

Please submit Form ACC/2 for the FRANCAVILLA scheme as soon possible.

L.A. JENNY,
Lt-Colonel, C.E.,
Director.

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